

19 669

Jos. Banks

T A B. I.

D E C A N D R I A M O N O G Y N I A.

SOPHORA tetraptera.

Habitat in Nova Zeelandia.

Floruit et semina maturuit sub di in horto botanico Chelseano, et in horto Guliel. Pitcairn, M. D. ad Islington. Anno 1779.

EXPLICATIO FIGURARUM.

Fig. 1. Ramus florifer.—2. Vexillum externe visum.—3. Idem interne visum.—4. et 5. Ala.—6. et 7. Carina dipetala.—8. Stamina.—9. Anthera lente aucta, utrinque visa.—10. Stylus cum Stamine.—11. Stylus cum Calyce.—12. Legumina.—13. Leguminis articuli duo dissecti, ut appareant (A.) membranae, semina includentes.—14. Semen.

SOPHORA tetraptera.

Is a native of New Zealand.

Flowered and matured seeds in the open ground in the botanic garden at Chelsea, and in the garden of W. Pitcairn, M. D. at Islington. An. 1779.

EXPLANATION OF THE FIGURES.

Fig. 1. The flower-bearing Branch.—2. The Vexillum seen on the external side.—3. The same on the interior side.—4. and 5. The Ala (or Wings).—6. and 7. The dipetalous Carina.—8. The Stamens.—9. The Anthera magnified on both sides.—10. The Style with a Stamen.—11. The Style with the Calyx.—12. The Legumens (or Seed-pods).—13. Two joints of the Legumen dissected, so that the membranes (A.) appear, which include the seeds.—14. The Seed.

T A B. II.

H E X A N D R I A M O N O G Y N I A.

PHORMIUM tenax. FORSTER; Nov. Gen. 24.

Kekkē-é, incolis Novæ Zelandiæ.

Habitat in Nova Zeelandia, ubi fibræ foliorum lini et cannabis vices supplent.

EXPLICATIO FIGURARUM.

Fig. 1. Basis Foliorum equitantum.—2. Foliis inferior pars.—3. Foliis superior pars.—4. Scapi pars superior ante flores explicatos.—(A.) Bractea decidua, ramos includentes.—5. Panicula terminalis explicata.—6. Flos.—7. Petala tria exteriora.—8. Petala tria interiora.—9. Stamina.—10. Pistillum.—11. Capsula integra.—12. Capsula transversim secta.—13. Capsula dehiscens.—14. Semen.

PHORMIUM tenax. FORSTER; Nov. Gen. 24.

Kekkē-é, the name given by the natives.

Is a native of New Zealand, where the natives make use of the fibres of the leaves instead of flax and hemp.

EXPLANATION OF THE FIGURES.

Fig. 1. The base of the Leaves equitant.—2. The lower part of a Leaf.—3. The upper part of a Leaf.—4. The upper part of the Stem, before the expansion of the flowers.—(A.) The Bractea deciduous, including the branches.—5. The Panicula terminal and expanded.—6. The Flower.—7. The three exterior Petals.—8. The three interior Petals.—9. The Stamens.—10. The Pistil.—11. The intire Capsule.—12. A transverse section of the Capsule.—13. The Capsule opening.—14. The Seed.

T A B. III.

M O N A D E L P H I A P O L Y A N D R I A.

STEWARTIA Malacodendron. LINNÆI.

Habitat in Virginia.

Hospitatur sub dio in hortis Angliæ.

Floruit in horto regio Kewensi.

EXPLICATIO FIGURARUM.

Fig. 1. Ramus florifer.—2. Calyx.—3. Flos a tergo visus.—4. Idem superne visus.—5. Stamina.—6. Stamen ante anthesin, lente auctum.—7. Idem, perfecta anthesi.—8. Pistillum.—9. Idem cum calyce, subjecta bractea.—10. Capsula pentacocca.—11. Eadem transversim secta.—12. Semina.—13. Eadem lente aucta.

STEWARTIA Malacodendron. LINNÆUS.

Is a native of Virginia.

Abiding in the open ground in the English gardens.

Flowered in the royal gardens at Kew.

EXPLANATION OF THE FIGURES.

Fig. 1. The flower-bearing Branch.—2. The Calyx.—3. The Flower, divested of the Calyx, seen on its under side.—4. The same on its upper side.—5. The Stamens.—6. A Stamen before the farina is discharged, magnified.—7. The same, after the farina is discharged.—8. The Pistil.—9. The same joined to the calyx and the bractea.—10. The Capsule pentacoccus.—11. A transverse section of the same.—12. The Seeds.—13. The same magnified.

T A B. IV.

P O L Y A N D R I A D I G Y N I A.

FOTHERGILLIA latifolia.

Habitat in America Septentrionalis.

Hospitatur sub dio in hortis Angliæ.

Floruit primum in horto doctoris Johannis Fothergill, M. D. ad Ham-house, in Com. Essex, Anno 1771.

EXPLICATIO FIGURARUM.

Fig. 1. Ramus florifer.—2. Gemma florifera.—3. Spica.—4. Calyx naturali magnitudine.—5. Idem subjecta bractea, microscopio visus.—6. Calyx cum Stamibus et Pistillo, lente auctis.—7. Pistillum naturali magnitudine.—8. Idem lente auctum.—9. Idem addito Stamine.—10. Capsula biloba.—11. Eadem transversim secta.—12. Semina.

FOTHERGILLIA, the broad-leaved.

Is a native of North America.

Abiding in the open ground in the English gardens.

Flowered first in the garden of John Fothergill, M. D. at Ham-house, in Essex, Anno 1771.

EXPLANATION OF THE FIGURES.

Fig. 1. The flowering Branch.—2. The flower-bearing Gem.—3. The Spike.—4. The Calyx in its natural size.—5. The same joined to the bractea, magnified.—6. The Calyx, with the Stamens and Pistil, magnified.—7. The Pistil in its natural size.—8. The same magnified.—9. The same joined to a Stamen.—10. The Capsule bilobate.—11. A transverse section of the same.—12. The Seeds.

T A B. V. and VI.

P O L Y G A M I A M O N O E C I A.

HELICONIA Bihai. LINNÆI.

Habitat in Africa, ad Promontorium Bonæ Spei.

Hospitatur in caldariis hortorum Angliæ.

Floruit in horto regio Kewensi, Anno 1779; et in horto Bamb. Gascoyne, Armig. ad Barking, in Com. Essex, Anno 1777.

EXPLICATIO FIGURARUM.

Fig. 1. TAB. V. Tota *Planta* magnitudine diminuta.—2. TAB. VI. Pagina superior *Folii* naturali magnitudine.—3. Pagina inferior ejusdem.—4. TAB. V. *Scapi* pars suprema.—5. *Spatha* ante explicationem florum.—6. *Flos* hermaphroditus.—7. *Nectarium* antice visum.—8. Idem postice visum.—9. *Stamina* cum *Pistillo*.—10. and 11. TAB. VI. *Flos* femineus sterilis.—12. In fundo *spathæ* inclusus.—13. TAB. VI. *Germen*, (a.) floris hermaphroditi, (b.) *Germen* floris feminei.—14. TAB. VI. *Capfula* immatura longitudinaliter dissecta.—15. Eadem transversim secta.—16. *Seminis* rudimentum naturali magnitudine.—17. Idem lente auctum.—18. *Floris feminei* *Germen* abortiens, longitudinaliter dissectum.—19. Idem transversim sectum.

HELICONIA Bihai. LINNÆUS.

Is a native of Africa, near the Cape of Good Hope.

Abiding in the hot-house in the English gardens.

Flowered in the royal garden at Kew, An. 1779; and at Bamb. Gascoyne's, Esq. at Barking, in Essex, Anno 1777.

EXPLANATION OF THE FIGURES.

Fig. 1. The whole *Plant* in miniature.—2. TAB. VI. The upper side of a *Leaf* in its natural size.—3. The same on its under side.—4. TAB. V. The upper part of the *Stem*.—5. The *Spatha* before the expansion of the flowers.—6. The hermaphrodite *Flower*.—7. The *Nectarium* seen on the fore part.—8. The same on the back.—9. The *Stamens* with the *Pistil*.—10. and 11. TAB. VI. The female *Flowers* are sterile.—12. Inclosed by the base of the *spatha*.—13. TAB. VI. The *Germen*, (a.) of the hermaphrodite flowers, (b.) the *Germen* of the female flowers.—14. TAB. VI. A longitudinal section of an immature *Capfula*.—15. A transverse section of the same.—16. The rudiments of the *Seeds* in their natural size.—17. The same magnified.—18. The *Germen* of the female *Flowers* is abortive, a longitudinal section thereof.—19. A transverse section of the same.

T A B. VII.

P O L Y A N D R I A M O N O G Y N I A.

LAGERSTROEMIA indica. LINNÆI.

Habitat in India Orientali.

Hospitatur in caldariis hortorum Angliæ.

Floruit in horto regio Kewensi, et Jacobi Cockburn, Bart.

EXPLICATIO FIGURARUM.

Fig. 1. *Ramus* florifer.—2. *Calyx* naturali magnitudine.—3. Idem explicatus ut appareat *Nectarium*, (N.)—4. Idem cum *Petalis*, *Stamine* majori et minoribus.—5. Idem lente auctus et dissectus.—6. *Petala*.—7. *Stamina*.—8. *Anthera* *Staminis* majoris lente aucta.—9. *Anthera* *Staminis* brevioris lente aucta.—10. *Filamenta* *staminum* breviorum, antheris et petalis deciduis, persistentia.—11. *Pistillum* naturali magnitudine.—12. Idem lente auctum.—13. *Capfula* integra.—14. Eadem transversim secta.—15. Eadem dehiscens.—16. *Semina*.

LAGERSTROEMIA indica. LINNÆUS.

Is a native of the East Indies.

Abiding in the hot-house in the English gardens.

Flowered in the royal garden at Kew, and at Sir James Cockburn's, Bart.

EXPLANATION OF THE FIGURES.

Fig. 1. The flower-bearing *Branch*.—2. The *Calyx* in its natural size.—3. The same opened so that the *Nectarium* appears, (N.)—4. The same with the *Petals*, large and small *Stamens*.—5. The same magnified and dissected.—6. The *Petals*.—7. The *Stamens*.—8. The *Antheras* of the large *Stamens*, on both sides, magnified.—9. The *Antheras* of the short *Stamens*, on both sides, magnified.—10. The *Filaments* of the short *stamens* remaining, after the anthera and petals are fallen off.—11. The *Pistil* in its natural size.—12. The same magnified.—13. An intire *Capfula*.—14. A transverse section of the same.—15. The same opening.—16. The *Seeds*.

TAB. I.



Painted, Engraved & Published by John Miller according to the Act. 1780.

TAB. II.





Fig. 3.

Fig. 1.



Fig. 2.

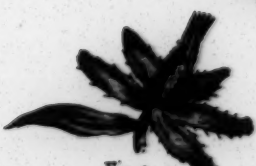


Fig. 9.



Fig. 8.



Fig. 7.



Fig. 6.



Fig. 5.

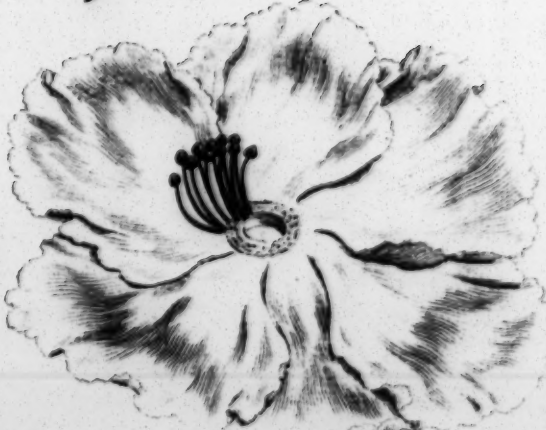


Fig. 4.



Fig. 10.



Fig. 11.



Fig. 12.



Fig. 13.



B^UL

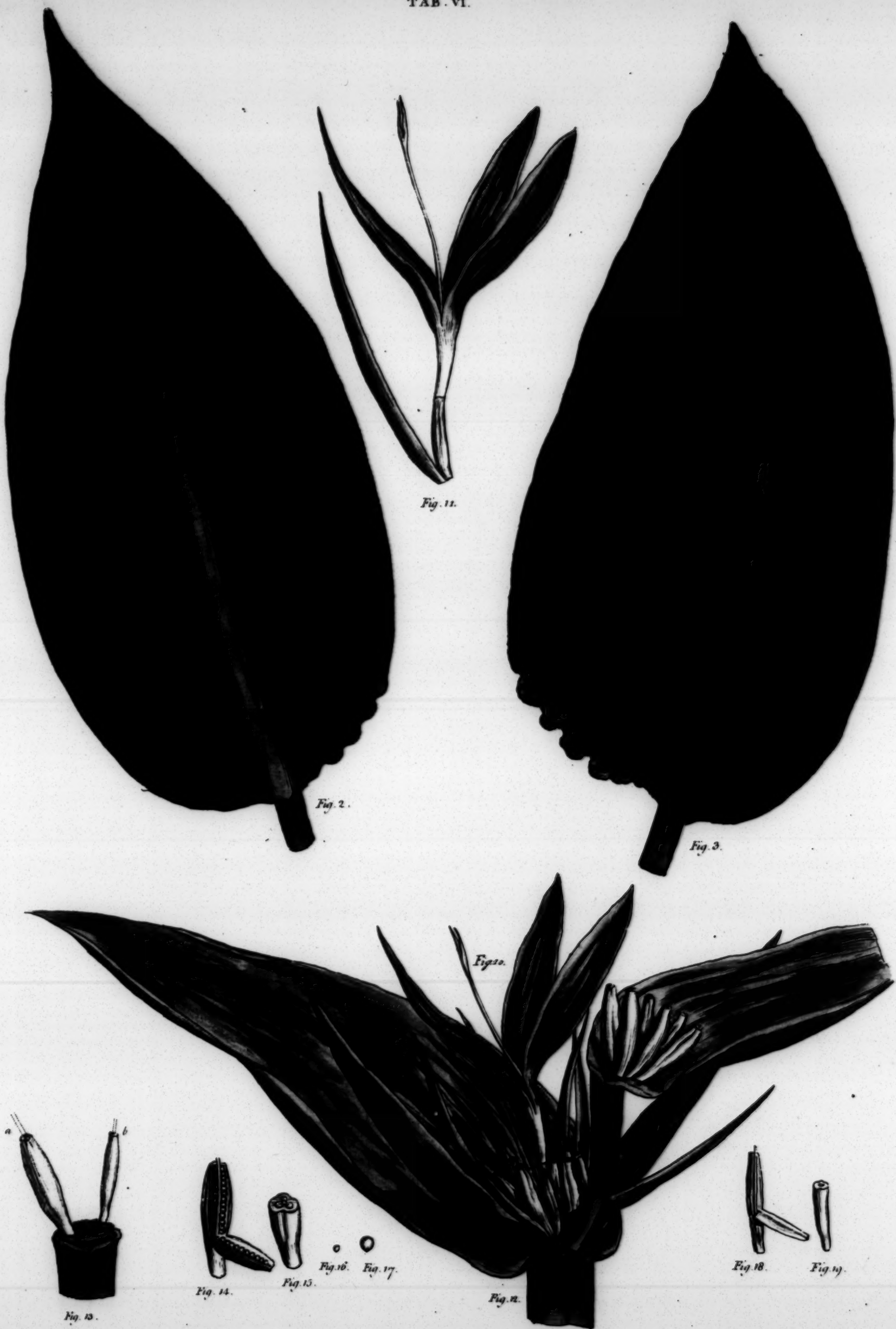
TAB. V.

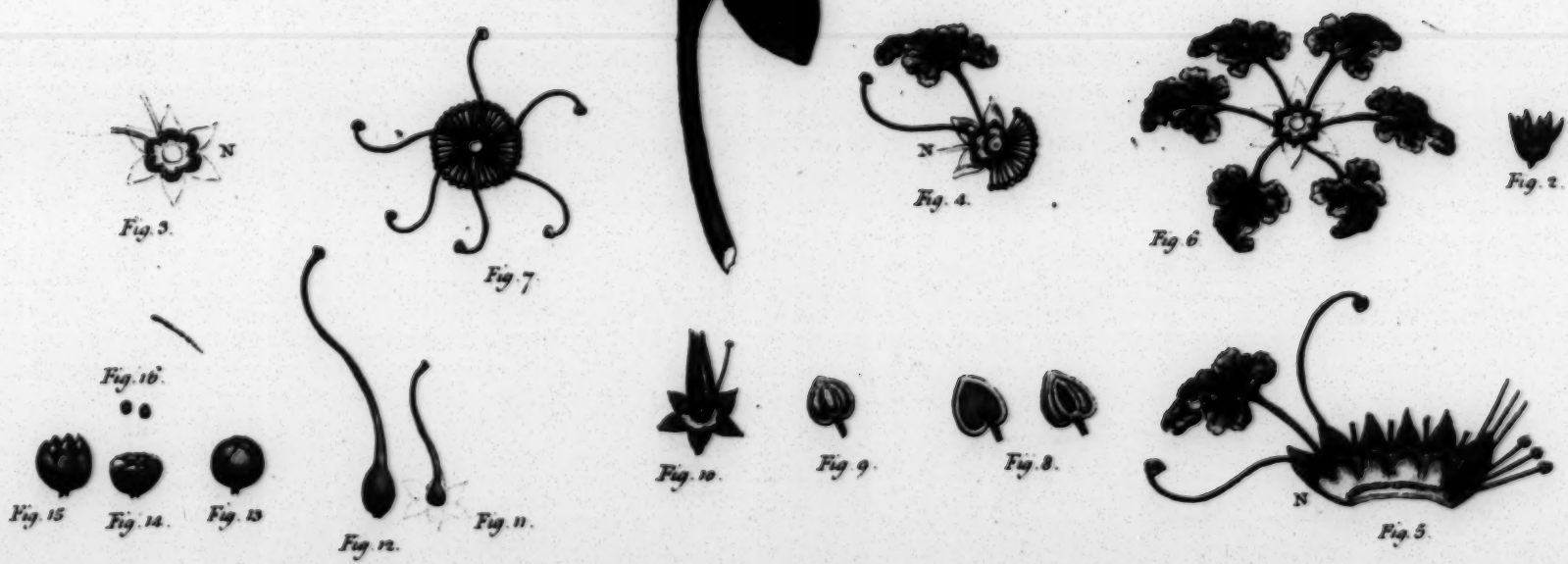


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Heliconia

TAB. VI.





For Banks
TABULA I.

A. LOXIA-orix.	Lin. Sys. Nat. Classis VI.	Genus CIX.	Mantiffa 527.
Fig. 1. ANTHOLYZA, Cunonia.	Lin. Spe. Plan. Classis III.	Ordo I.	Spec. 2. Mantiffa 320.

TABULA II.

A. LOXIA-coronata	Lin. Sys. Nat. Classis VI.	Genus CIX.	Spec.
Fig. 1. ALSTROMERIA-ligta,	Lin. Spe. Plan. Classis VI.	Ordo I.	Spec. 2.
2 Flos (3 Stamina. 4 Stamen. Lente Auctum) 5 Sigma,			

TABULA III.

A. LOXIA-longicauda.	Lin. Sys. Nat. Classis VI.	Genus CIX.	Spec.
Fig. 1. GNAPHALIUM. eximium.	Lin. Spe. Plan. Classis XIX.	Ordo II.	Mantiffa 573.

TABULA IV.

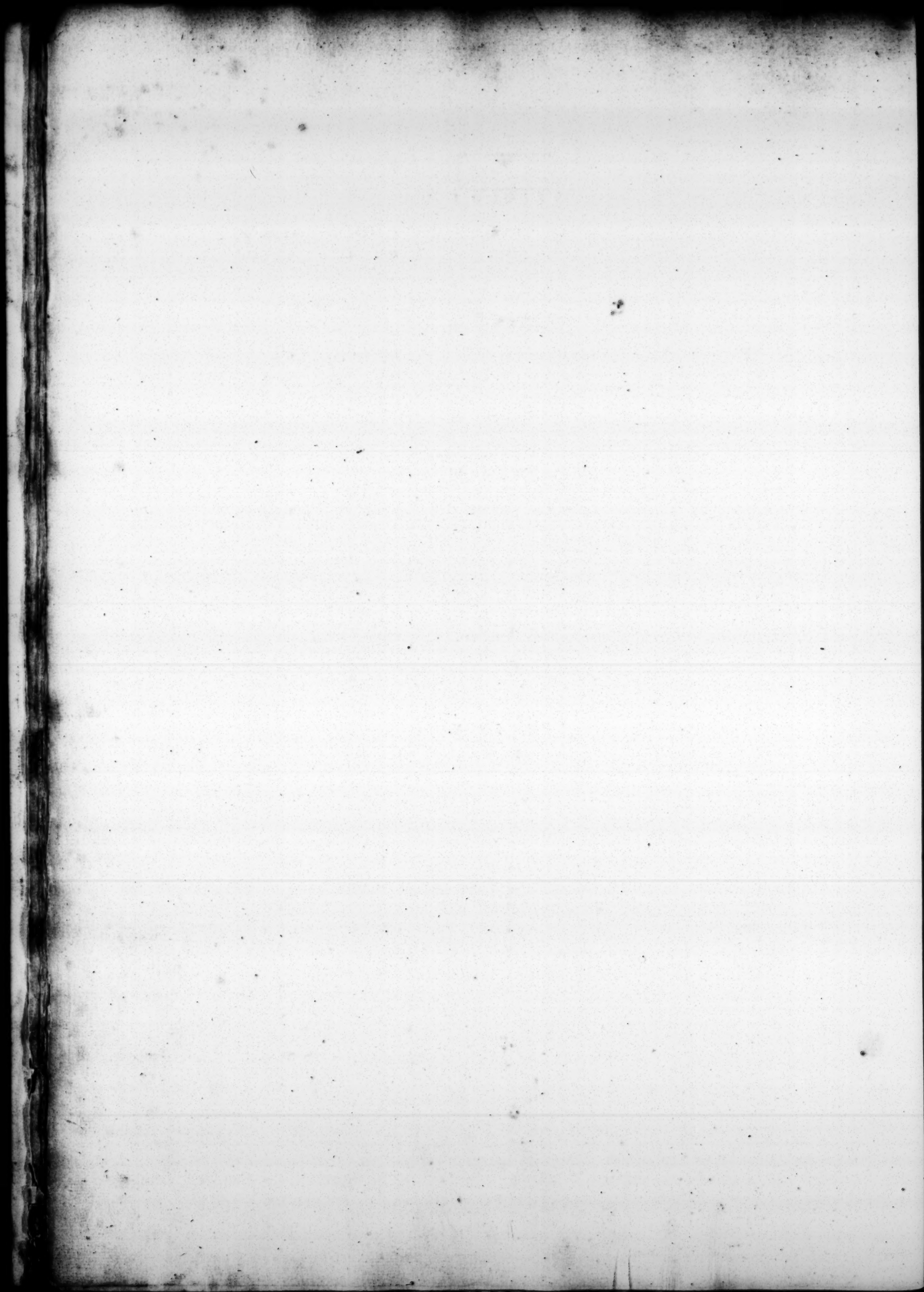
A. PSITTACUS-atricapillus.	Lin. Sys. Nat. Classis II.	Genus XIV.	Spec.
Fig. 1. CHELONE-penstemon.	Lin. Spe. Plan. Classis XIV.	Ordo I.	Spec. 3.
2 Calyx. 3 Corolla. 4 Corolla facta. 5 Stamina. 6 Germen.			

TABULA V.

A. PSITTACUS-aurantius.	Lin. Sys. Nat. Classis II.	Genus XLV.	Spec.
Fig. 2. ILLICIUM-floridanum.	Lin. Spe. Plan. Classis XIII.	Ordo VII.	Mantiffa 167.
2 Calyx. (3 Stamina. 4 Stamen Lente Auctum.) 5 Germen. 6 Petala. 7 Pericarpium. 8 Semen.			

TABULA VI.

A. UPUPA-promerops?	Lin. Sys. Nat. Classis II.	Genus LXIV.	Spec.
Fig. 1. ERYNGIUM-alpinum.	Lin. Spe. Plan. Classis V.	Ordo I.	Spec. 6.
2 Flos. 3 Lente Auctum. (4 Germen. 5 Petala.) 6 Stamen. 7 Lente Auctum.			



T A B U L A VII.

Fig. 1. BARRINGTONIA speciosa.

Classis XIII. Ordo I. Forsteri nova genera, P. 75. Habitat in India
[orientali, & Insulis Maris Pacifici.

2 Calyx. 3 Pistillum et nectarium. 4 Eadem dissecta. 5 Stamen. 6 Idem auctum. 7 Pistillum.

T A B U L A VIII.

Fig. A. AMPELIS carolinensis.

Lin. Syst. Nat.

Classis VI. Genus CVIII.

Habitat in America septentrionali.

Fig. 1. AMARYLLIS crispa.

Lin. Spec. Plan.

Classis VI. Ordo I.

2 Stamina. 3 Stamen idem auctum. 4 Pistillum.

T A B U L A IX.

Fig. 1. ANTHOLYZA æthiopica.

Lin. Spec. Plan.

Classis III. Ordo I.

Habitat in Æthiopia.

2 Floris inferior facies. 3 Floris superior facies. 4 Idem dissectus. 5 Stamina. 6 Stamen auctum. 7 Pistillum.

T A B U L A X.

Fig. A. CERVUS Alces.

Lin. Syst. Nat.

Classis V. Genus XXIX.

Habitat in Canada.

T A B U L A XI.

Fig. A. B. LACERTA Chamælion.

Lin. Syst. Nat.

Classis I. Genus CXXII.

Habitat in Africa, Asia.

C. Linguae extensio ad captandam prædā.

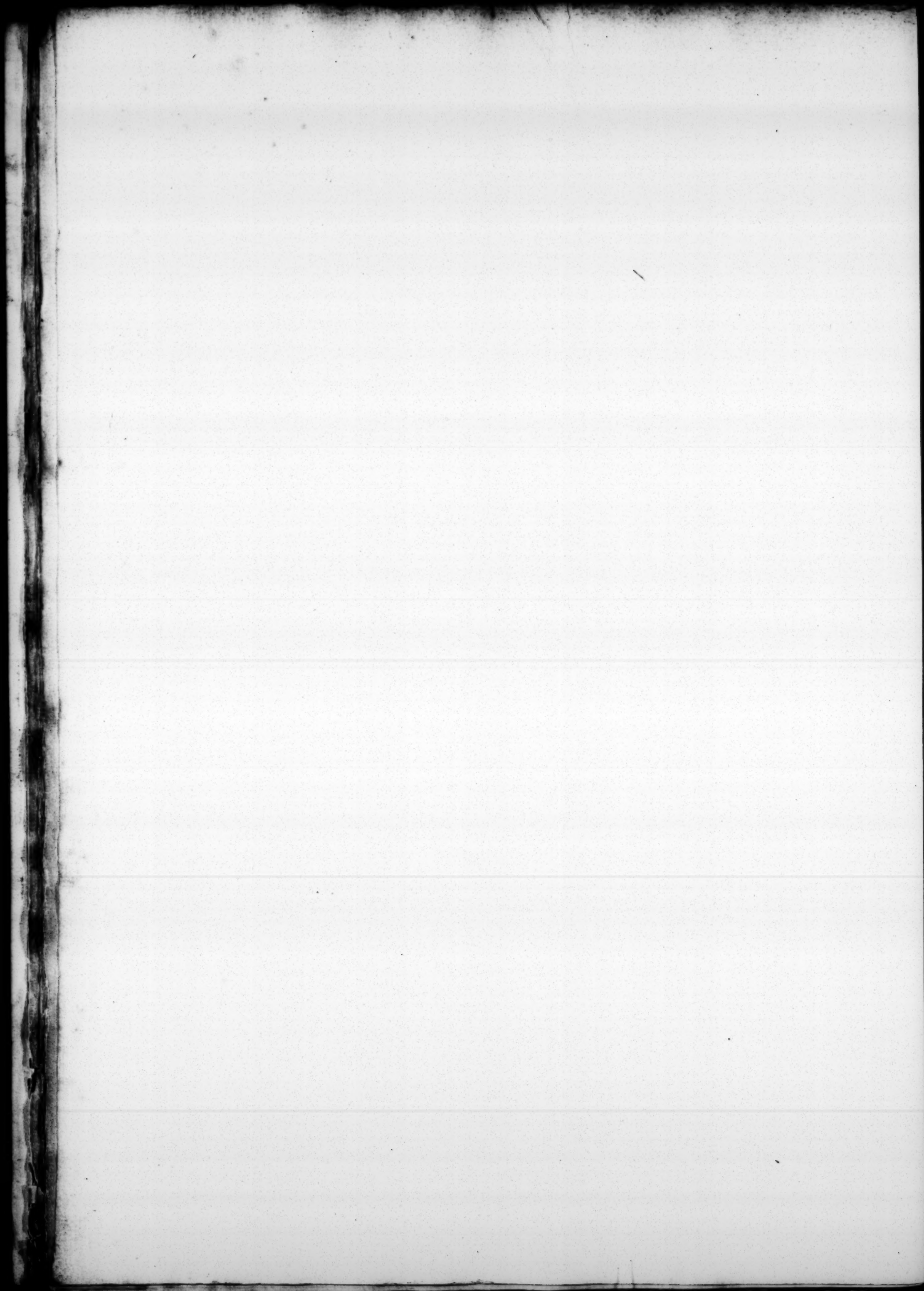
T A B U L A XII.

Fig. A. LARUS albus.

Lin. Syst. Nat.

Classis III. Genus LXXVI.

Habitat in Regionibus septentrionalibus.



TABULA XIII.

A. LEMUR murinus.	LIN: Sys. Nat.	Classis I.	Genus III.	Habitat in Madagascar.
B. Idem Animal dormiens.				

TABULA XIV.

A. STRUTHIO Casuarius.	LIN. Sys. Nat. 265	Classis IV.	Genus XCVI.	Habitat in Asia, Sumatra, Molucca, Banda.
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TABULA XV.

A. B. MUSCICAPA striata, Mas. & Femina.	LIN. Sys. Nat.	Classis VI.	Genus CXIII.	Habitat ad fretum Hudsonis.
C. AMPELIS cristata.	LIN. Sys. Nat.	Classis VI.	Genus CVIII.	Habitat in America.

TABULA XVI.

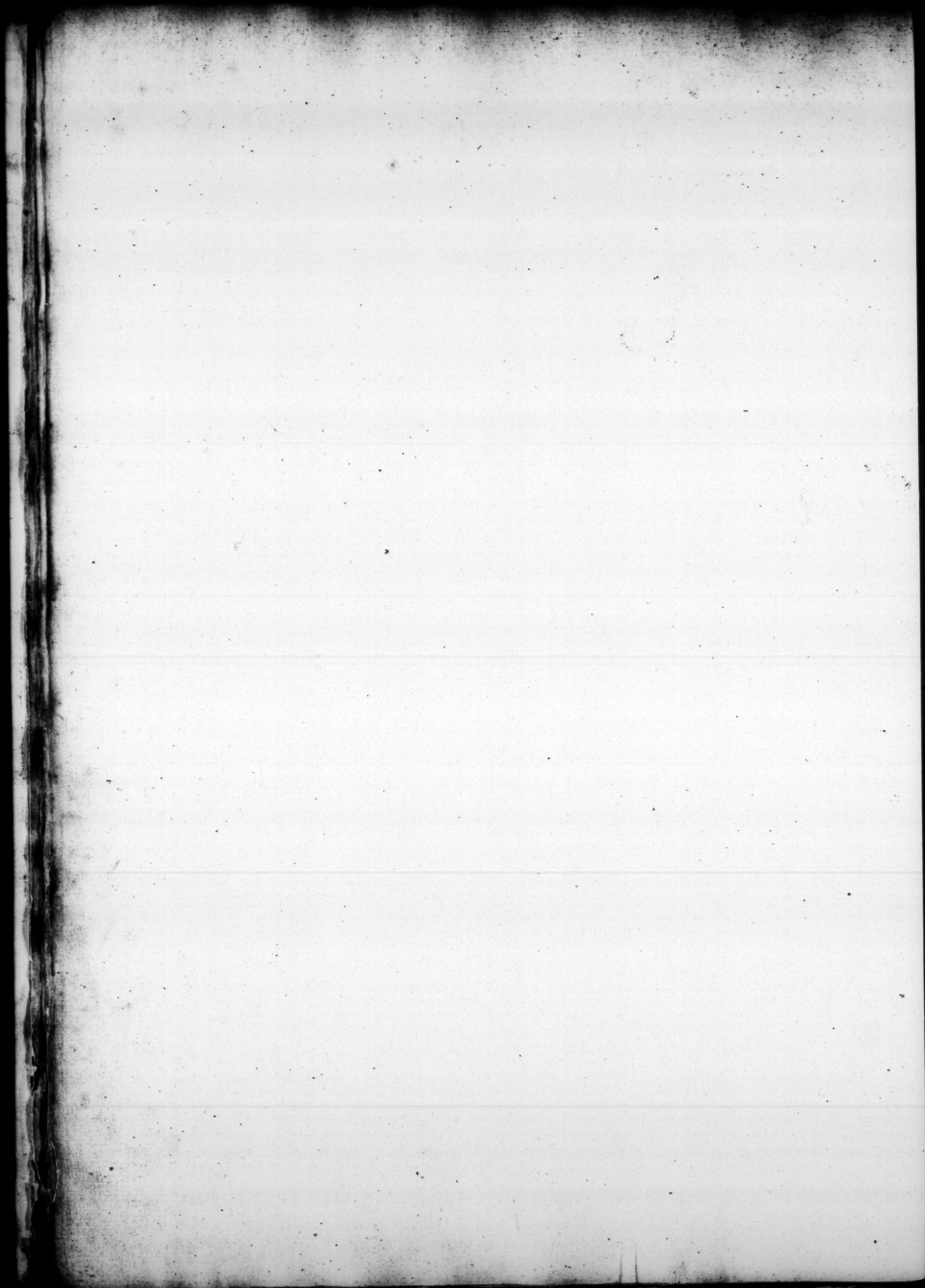
A. COLUMBA coronata.	LIN. Sys. Nat.	Classis VI.	Genus CIV.	Habitat in Capite bonæ spei.
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TABULA XVII.

A. FALCO Plancus.	LIN. Sys. Nat.	Classis I.	Genus XLII.	Habitat in Tierra del Fuego.
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TABULA XVIII.

A. FALCO fuscus.	LIN. Sys. Nat.	Classis I.	Genus XLII.	Habitat in Greenlandia.
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TABULA XIX.

Fig. A. CANIS Hycena.	LIN. Syft. Nat. 58. Classis III. Genus XII. Spec. 3.	Habitat in Asia.
B. CANIS Lupus niger.	LIN. Syft. Nat. 58. Classis III. Genus XII. Spec. 2.	Habitat ad fretum Hudsonis.

TABULA XX.

Fig. A. VIVERRA tetradaetyla.	LIN. Syft. Nat. 63. Classis III. Genus XIV. Spec.	Habitat ad C. B. Spel.
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TABULA XXI.

Fig. A. PARUS hudsonicus.	LIN. Syft. Nat. Classis VI. Genus CXVI. Spec.	Habitat in America Sept.
B. FRINGILLA hudsonica.	LIN. Syft. Nat. Classis VI. Genus CXII. Spec.	Ibid.
C. EMBERIZA leucophrys.	LIN. Syft. Nat. Classis VI. Genus CX. Spec.	Ibid.

TABULA XXII.

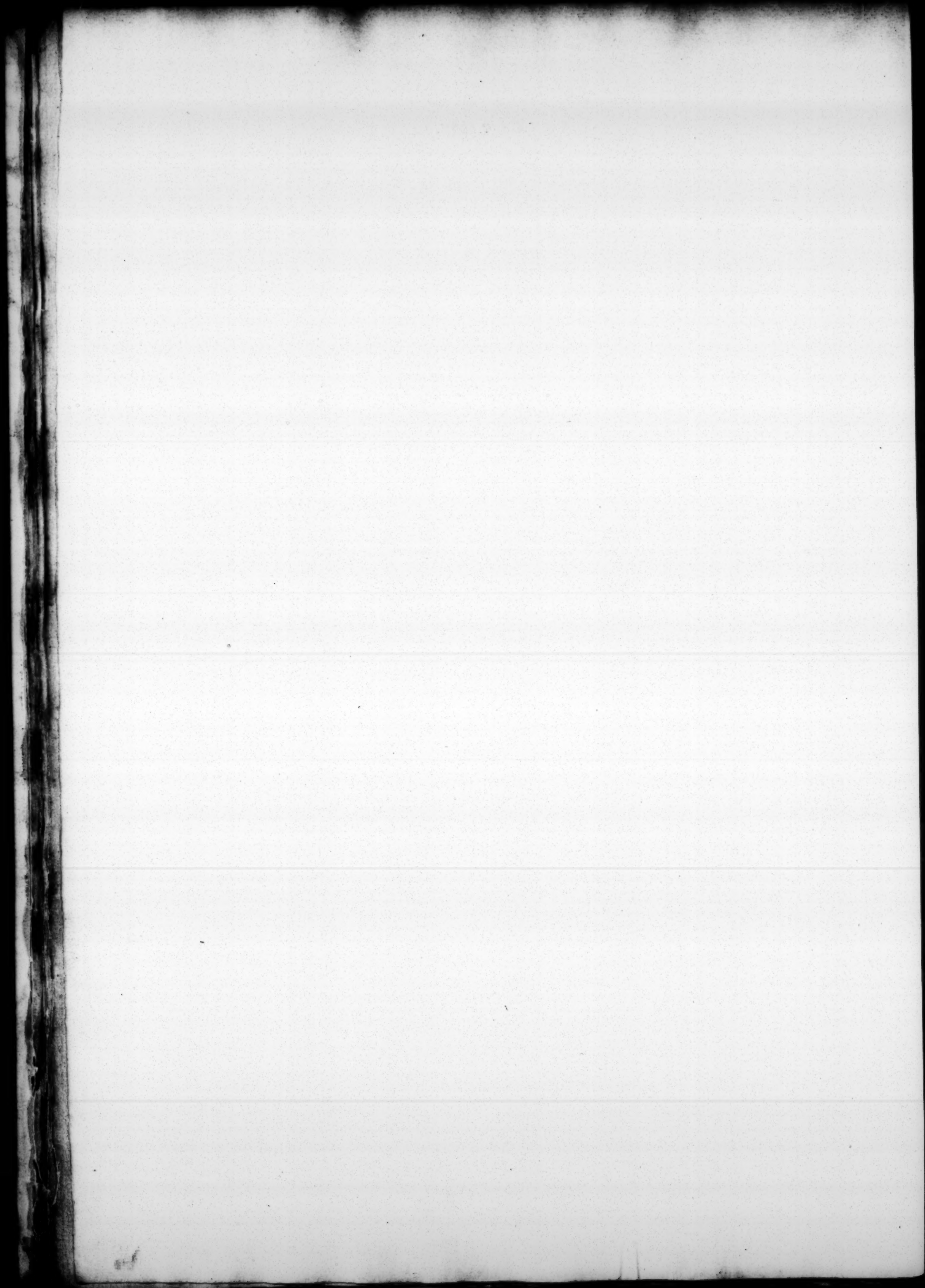
Fig. A. PLATALEA Leucorodia.	LIN. Syft. Nat. 231. Classis VI. Genus LXXX. Spec. 1.	Habitat in Europa, nidificat in arboribus.
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TABULA XXIII.

Fig. A. APTENODYTES patagonica.	LIN. Syft. Nat. Classis I. Genus I. Spec.	Habitat in Mari antarctico.
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TABULA XXIV.

Fig. A. CUCULUS indicator.	LIN. Syft. Nat. 168. Classis II. Genus LVII. Spec.	Habitat ad C. B. Spei.
B. FRINGILLA cyanocapilla.	LIN. Syft. Nat. 317. Classis VI. Genus CXII. Spec.	Habitat in Senegal.



T A B U L A XXV.

- Fig. 1. *BRUCEA antidyfenterica*. LIN. Spec. Plan. Classis XXII. Ordo IV. Spec. Habitat in Africa.
 2. Flos masculus. 3. Idem auctus. 4. Calyx. 5. Idem auctus. 6. Stamina magnitudine aucta. 7. Stamen fingulum auctum.
 8. Nectarium magnitudine auctum. 9. Flos femineus. 10. Idem auctus. 11. Calyx. 12. Idem auctus. 13. Germen cum
 stylis magnitudine auctum. 14. Nectarium magnitudine auctum.

T A B U L A XXVI.

- Fig. A. *TESTUDO fulcata*. LIN. Syft. Nat. Classis III. Ordo I. Genus CXIX. Spec. Habitat in India occidentali.
 B. Pars inferior. C. Caput magnitudine naturali.

T A B U L A XXVII.

- Fig. A. *HOMO* Lar. LIN. Syft. Nat. Classis I. Genus I. Spec. Habitat in China.
 B. Caput magnitudine naturali.

T A B U L A XXVIII.

- Fig. A. *FALCO serpentarius*. LIN. Syft. Nat. Classis II. Ordo I. Genus XLIV. Spec. 1. Habitat Cap. B. Spec.
 B. Caput magnitudine naturali.

T A B U L A XXIX.

- Fig. A. *PSATTACUS guineensis*. LIN. Syft. Nat. Classis II. Ordo II. Genus XLV. Spec. Habitat in Guinea.

T A B U L A XXX.

- Fig. A. *TROCHILUS gularis*. LIN. Syft. Nat. Classis II. Ordo II. Genus LXVI. Spec. Habitat in India orientali.
 B. *FRINGILLA torquata*. LIN. Syft. Nat. Classis II. Ordo VI. Genus CXII. Spec. Ibid.
 C. *MOTACILLA gularis*. LIN. Syft. Nat. Classis II. Ordo VI. Genus CXIV. Spec. Habitat in America meridionali.

T A B. XXXI.

Fig. A. JERBOA capensis. LIN. Syft. Nat. Classis IV. Genus . Spec. Habitat ad C. B. Spei.
B. Caput magnitudine naturali.

T A B. XXXII.

Fig. A. LEMUR bicolor. LIN. Syft. Nat. Classis I. Genus III. Spec. Habitat in America meridionali.

T A B. XXXIII.

Fig. A. OTIS indica. LIN. Syft. Nat. Classis IV. Genus XCV. Spec. Habitat in India orientali.
B. Caput magnitudine naturali.

T A B. XXXIV.

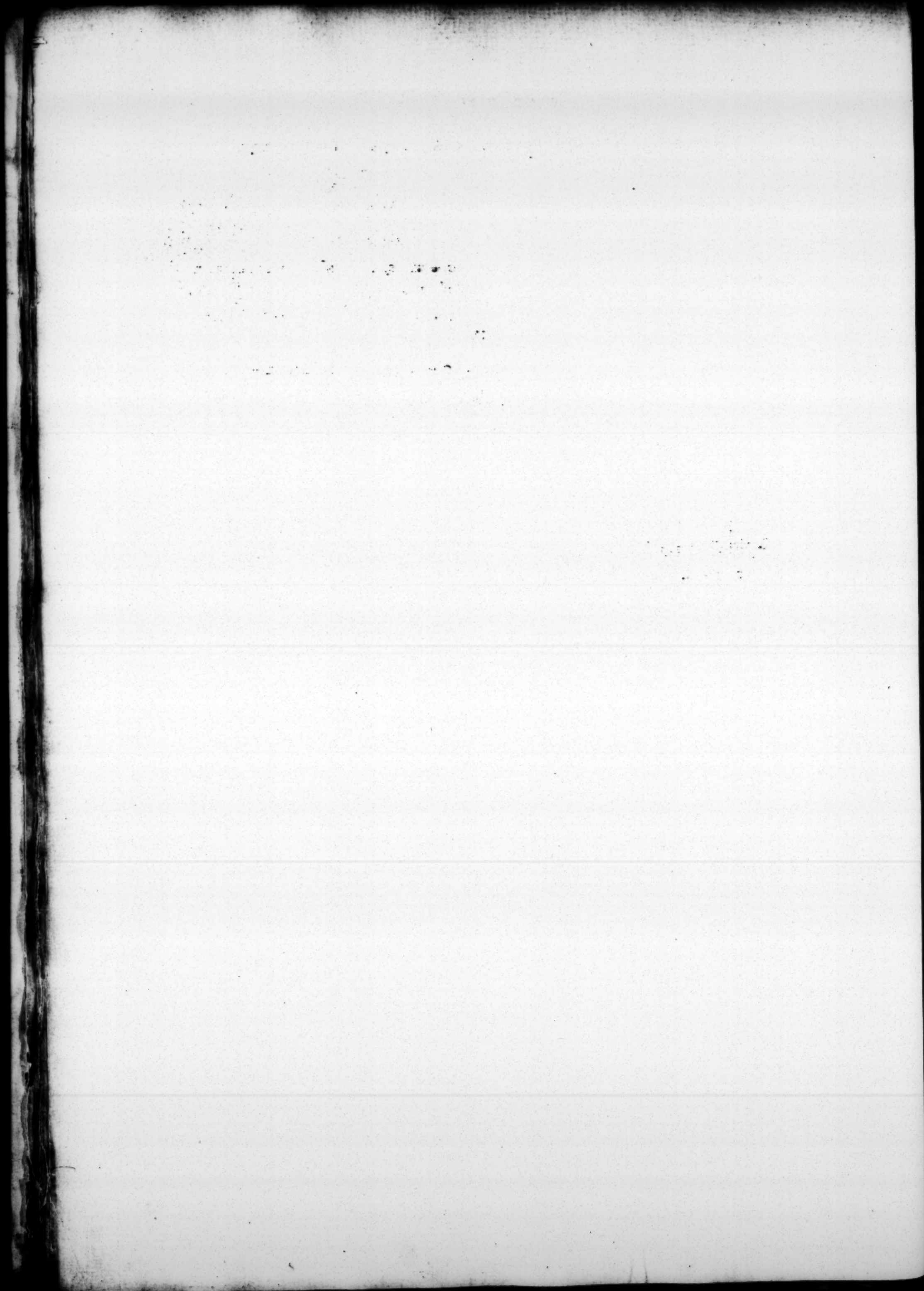
Fig. A. APTENODYTES magellanica. LIN. Syft. Nat. Classis III. Genus . Spec. Habitat in terra magellanica.

T A B. XXXV.

Fig. A. ARDEA naevia. LIN. Syft. Nat. Classis IV. Genus LXXXIV. Spec. Habitat in America meridionali.

T A B. XXXVI.

Fig. A. ARDEA torquata. LIN. Syft. Nat. Classis IV. Genus LXXXIV. Spec. Habitat in America meridionali.



TABI



Fig.

TAB. II.



Painted Engraved and Published by J. P. Miller according to the del. 1770

TAB. III.



TAB. IV.



Painted Engraved and Published by J. E. Miller according to the del 1770.

TAB. V.



T. B. VI.



Printed, Revised, and Published by J. F. Miller, according to the Act, 1776.



Viro. Honorabili et. Nobilissimo
Judicibus Regis Principatus
BARRINGTONI



(DAINES BARRINGTON,)
Waltia, hanc. Tabulam
SPECIOS. E.D.D.D.

(cerviciflorus) C. Linn.
Johannes. Fridericus. Miller.



TAB. IX.

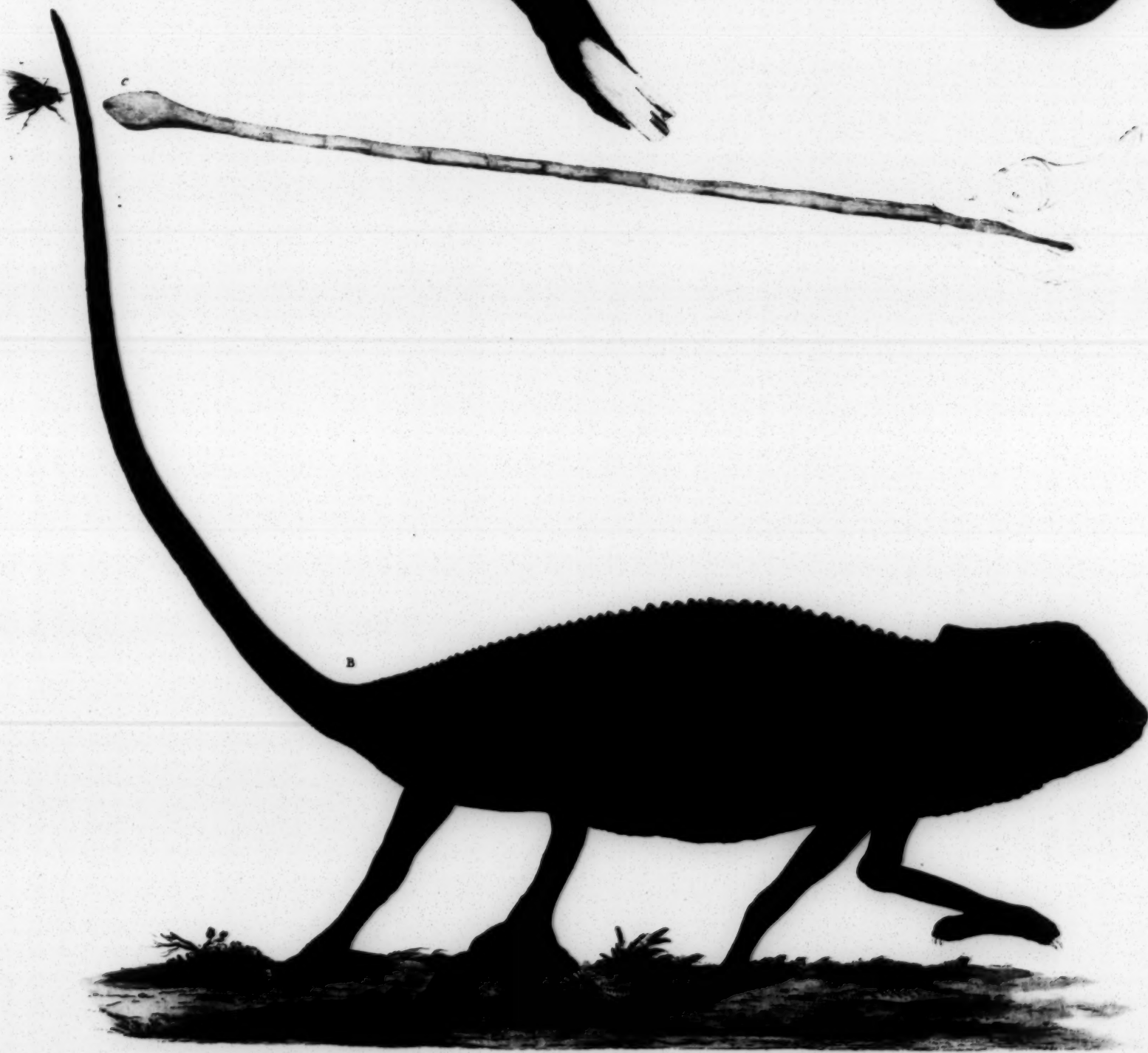


TAB. X.

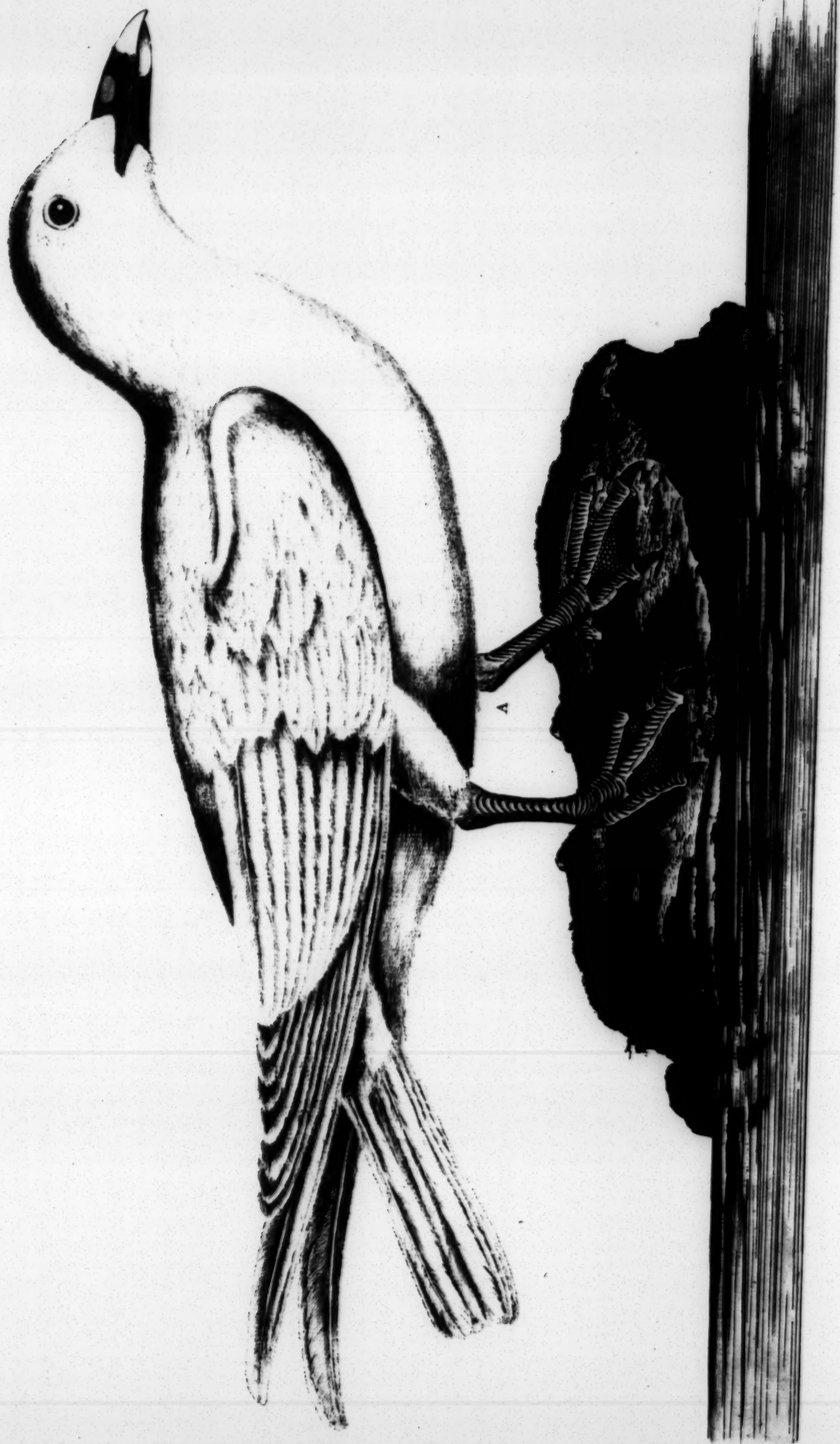


From *Reynolds and Pugh's* according to the *Art de l'Étude* 1798.

TAB. XI.



TAB. XII.



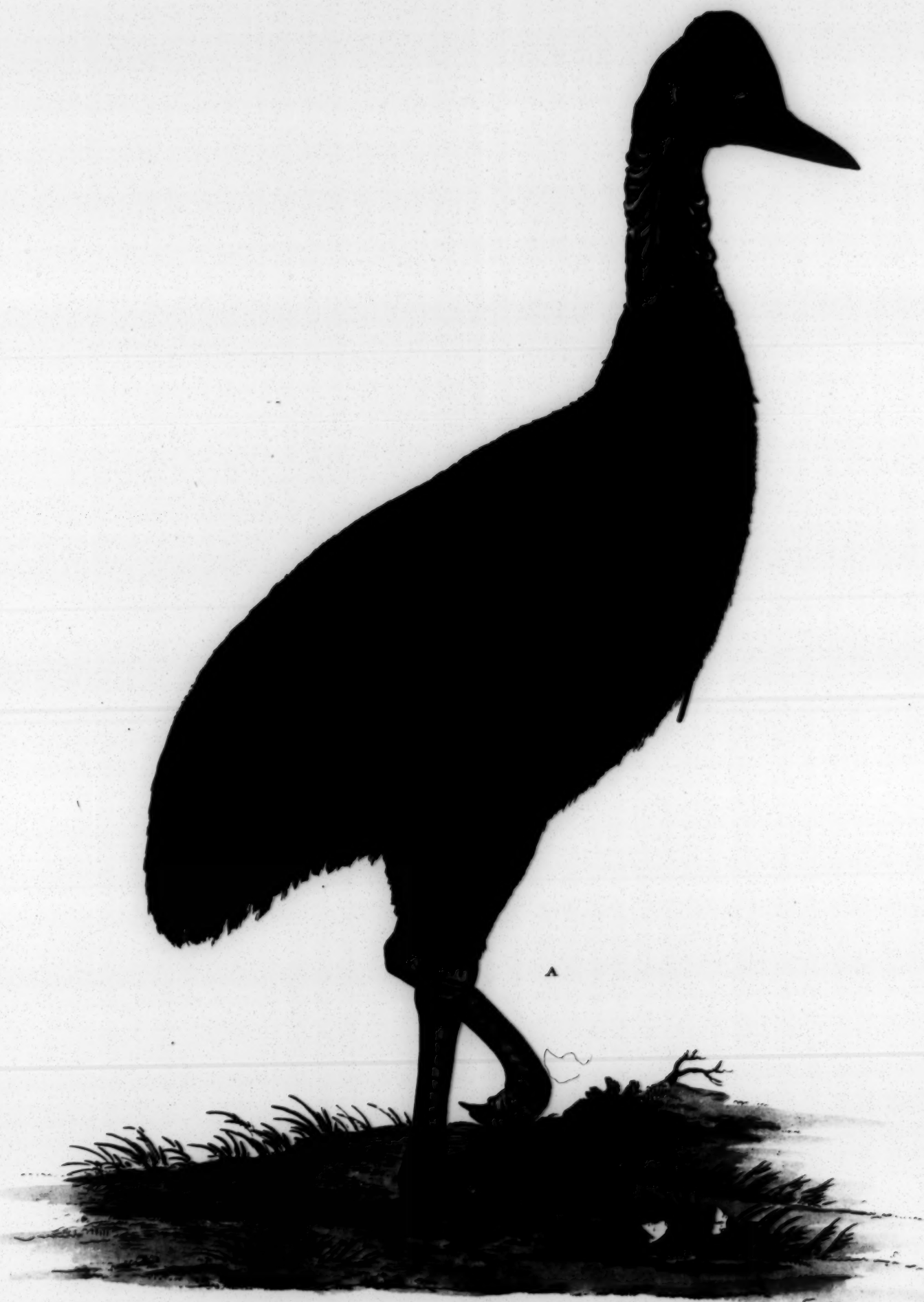
Frigatebird, according to the description of L. L. Miller 1798.

TAB XIII.

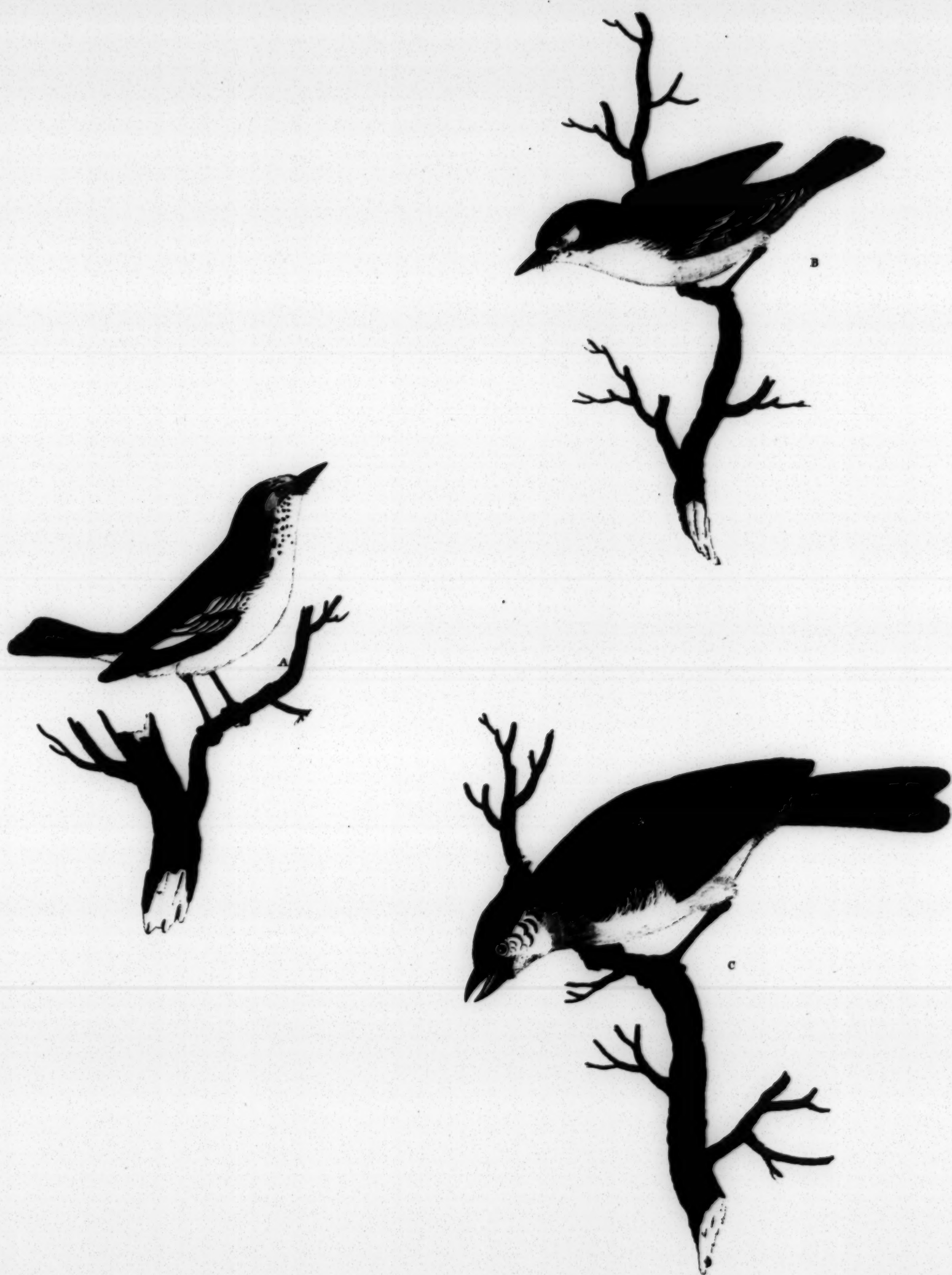


Batris leucomela (Linn.) according to the ed. 1791.

TAB. XIV.

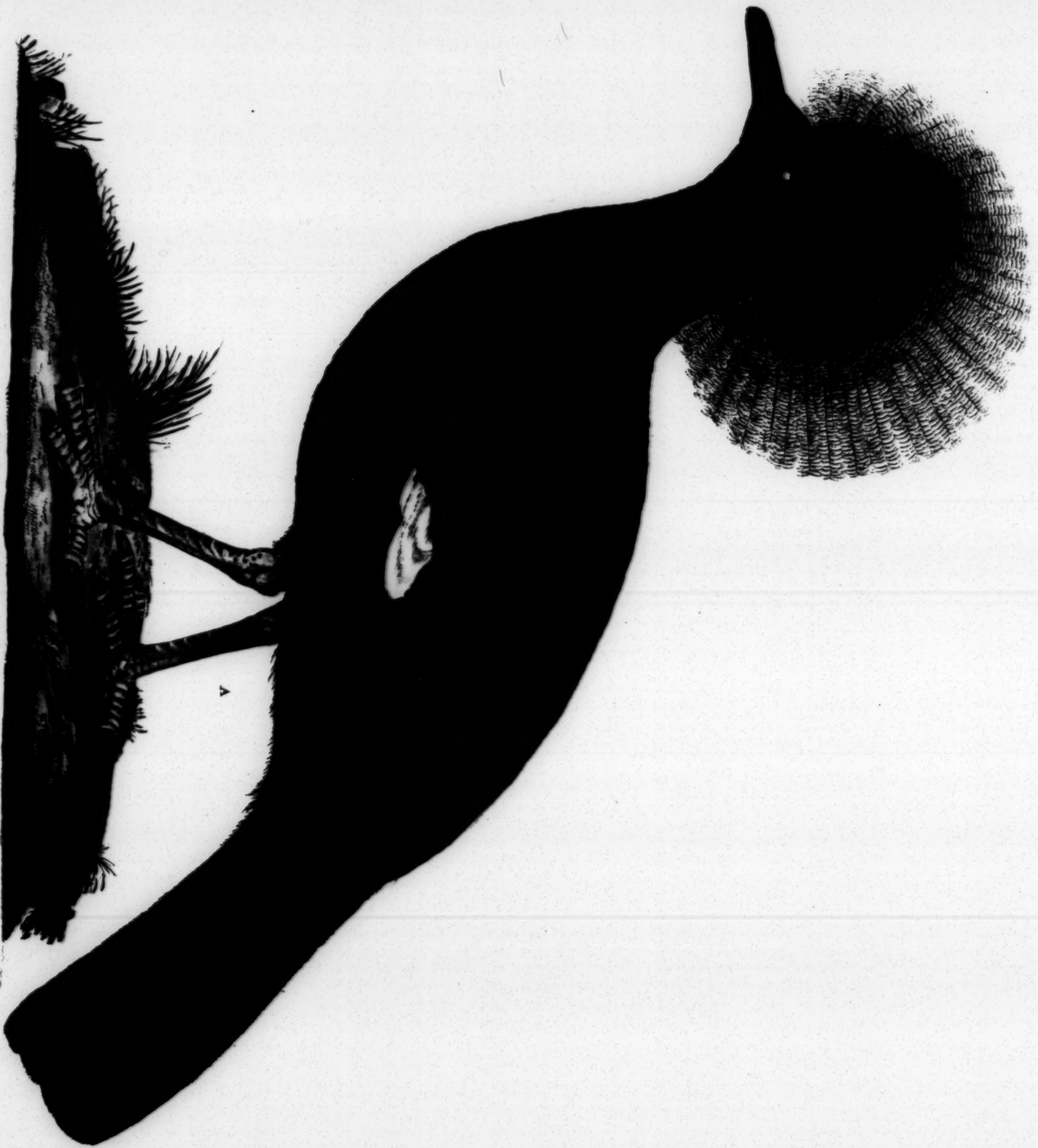


TAB. XV.



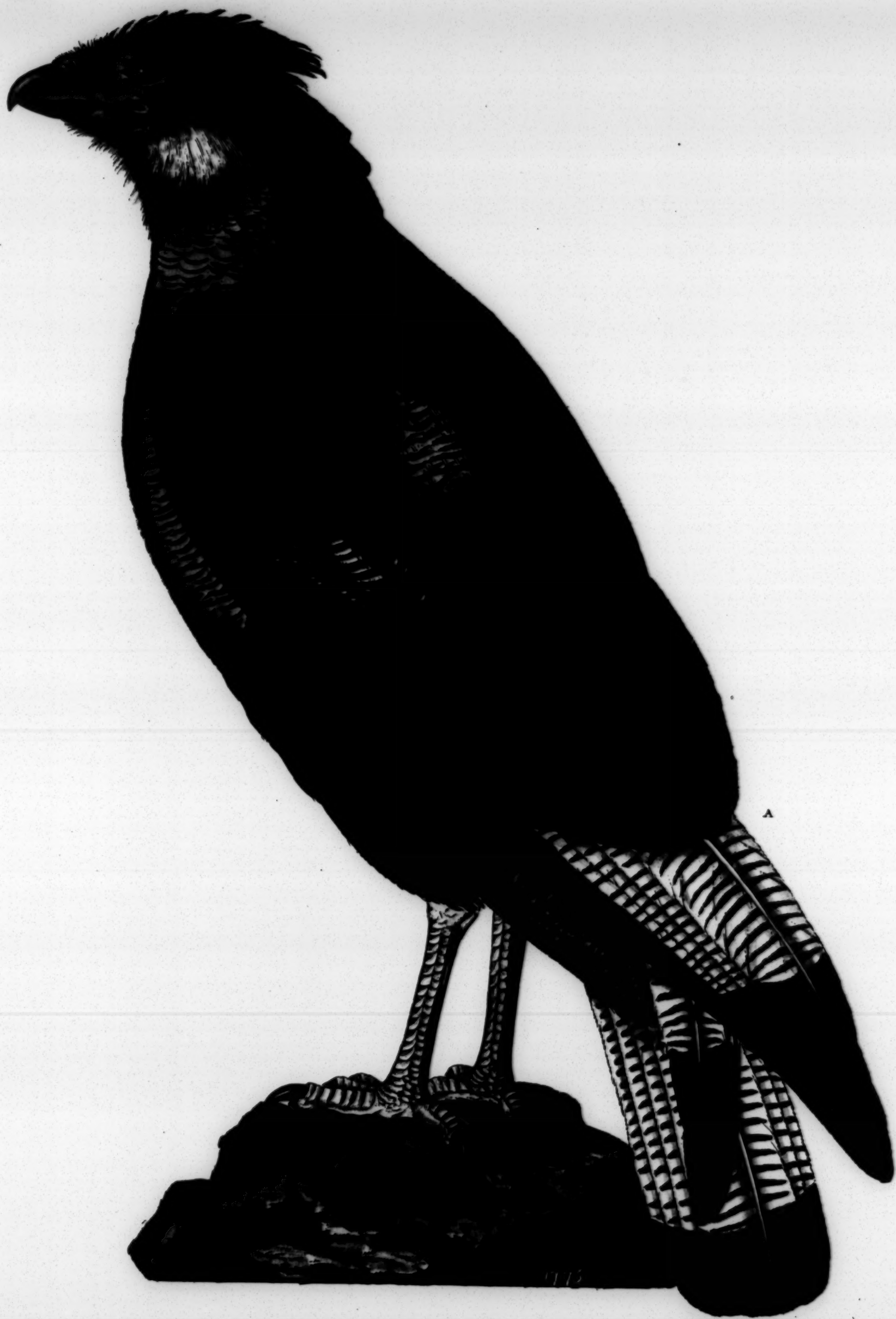
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TAB. XVI.



Engraved and Published by W. Miller according to the Act 1777.

TAB. XVII.



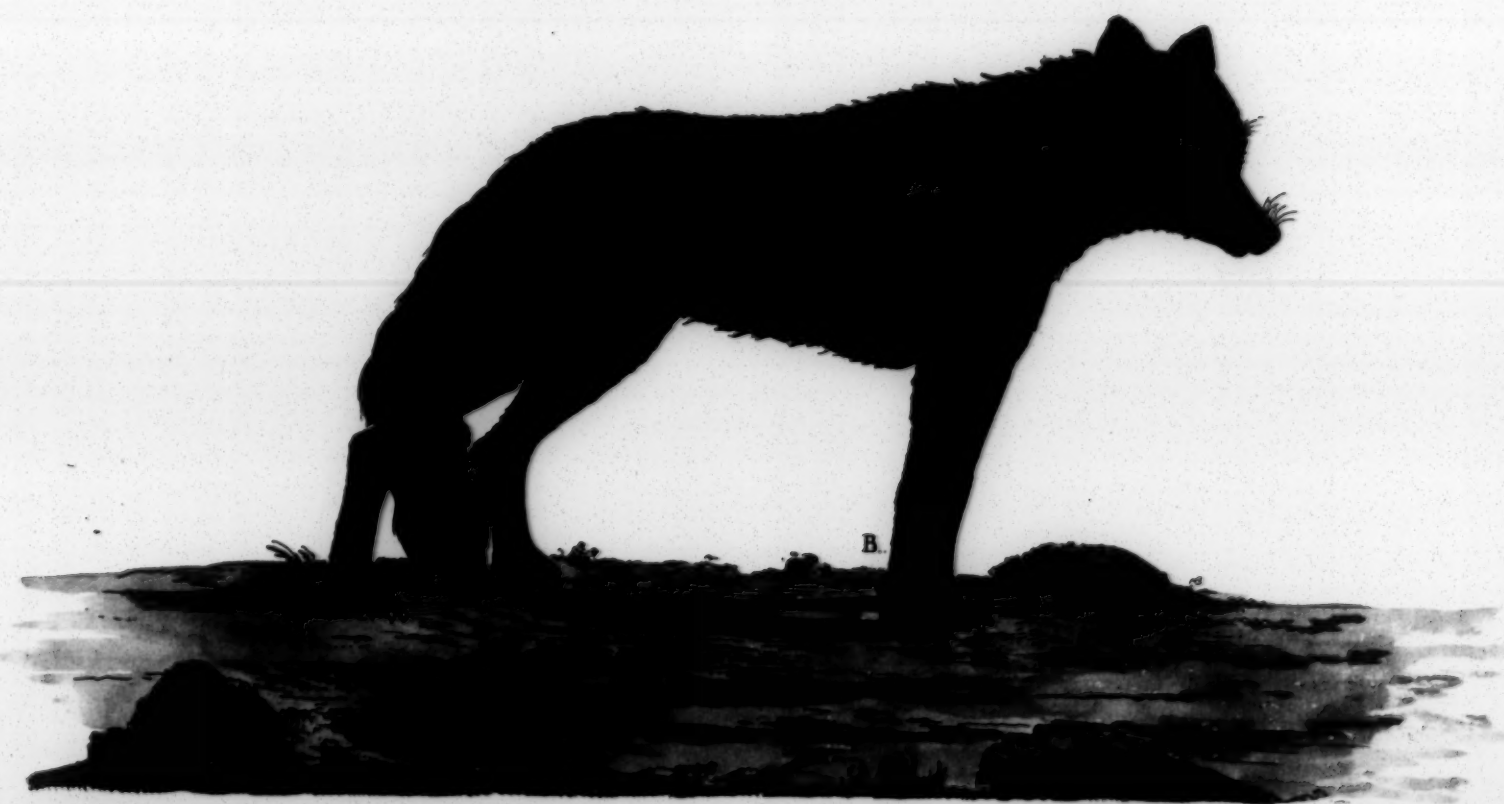
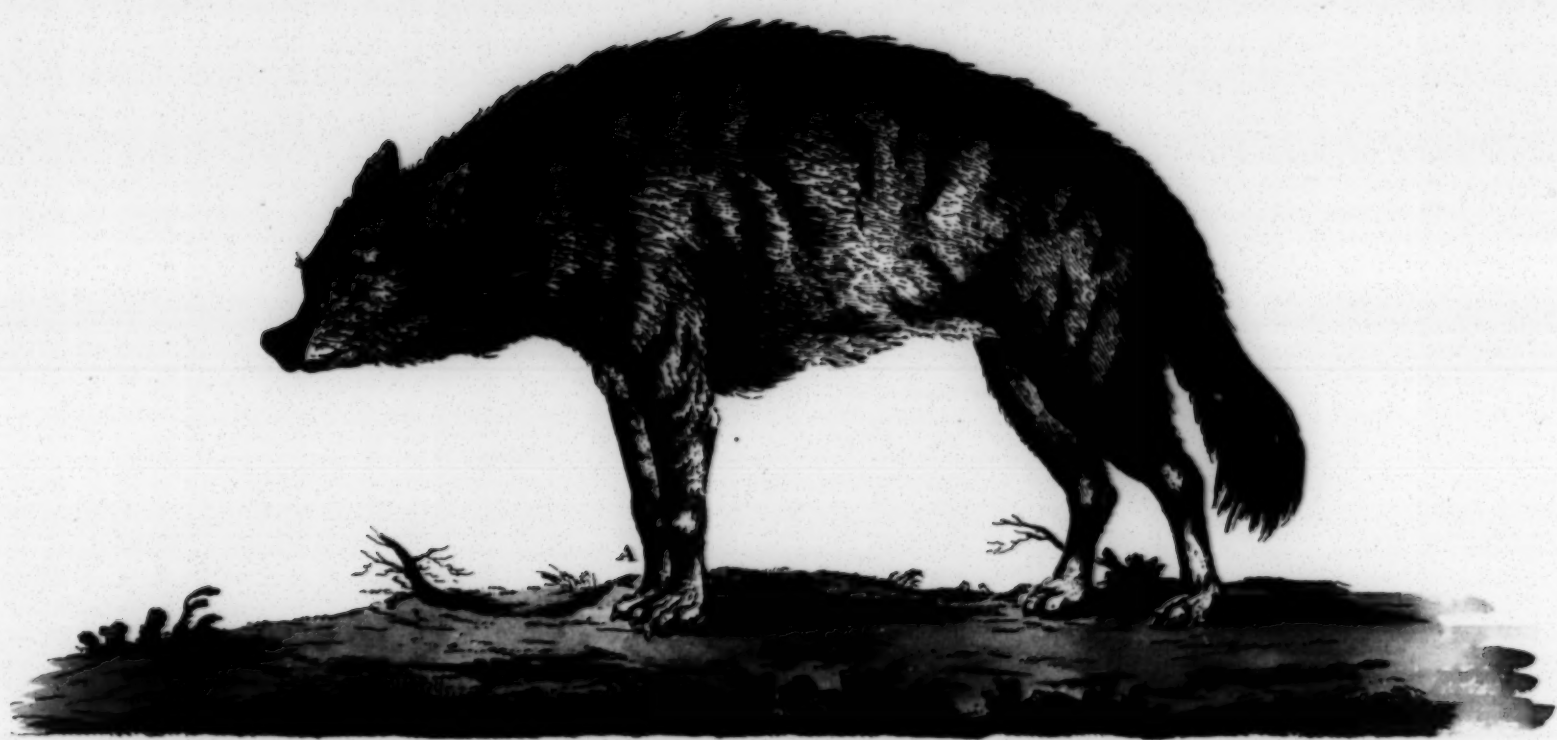
Painted, Engraved and Published, according to the Act by W. Miller 1777.

BÖL

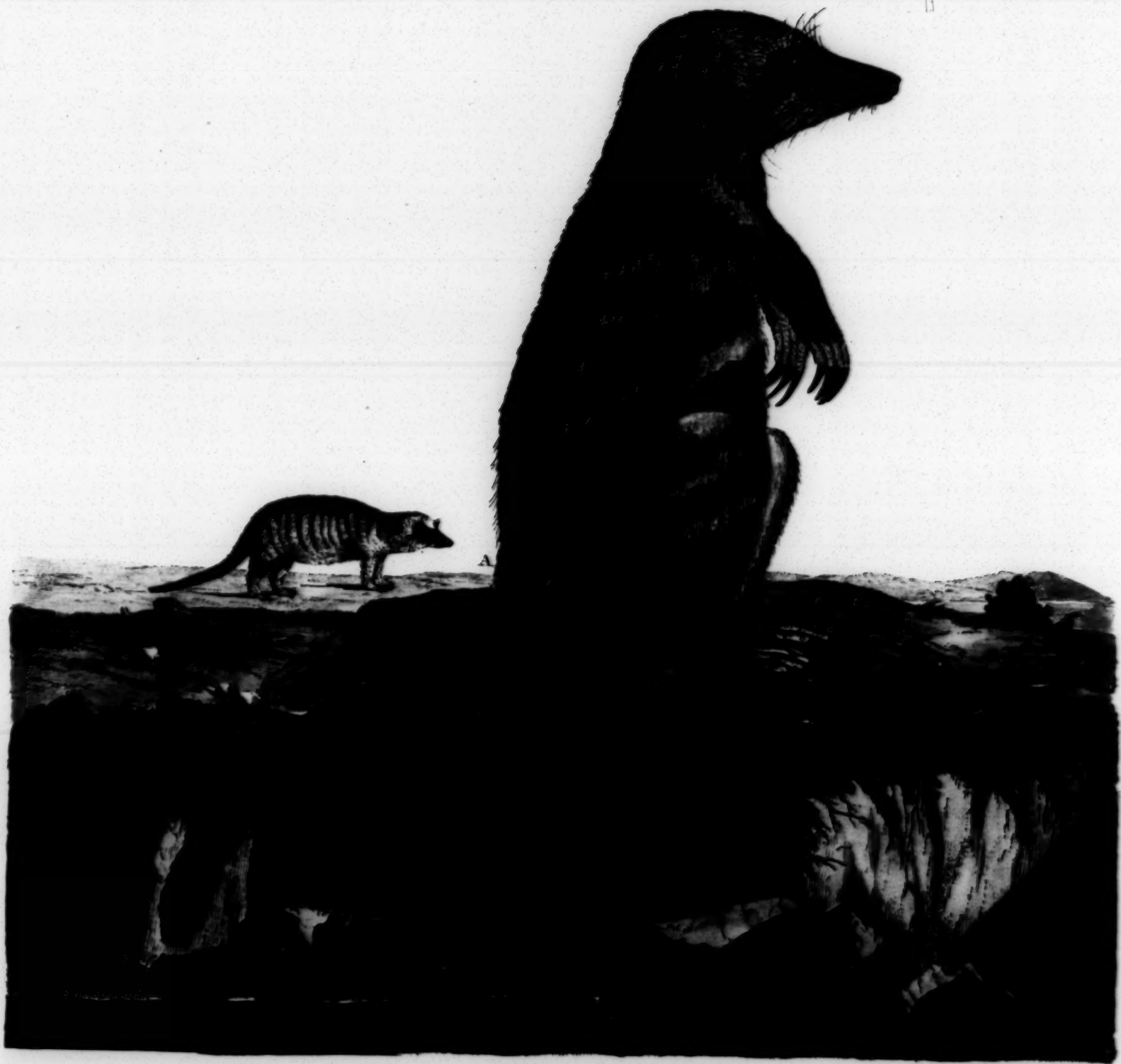
TAB. XVIII.



Painted, Engraved and Published by J. S. B. Little, according to the Act of 1784.



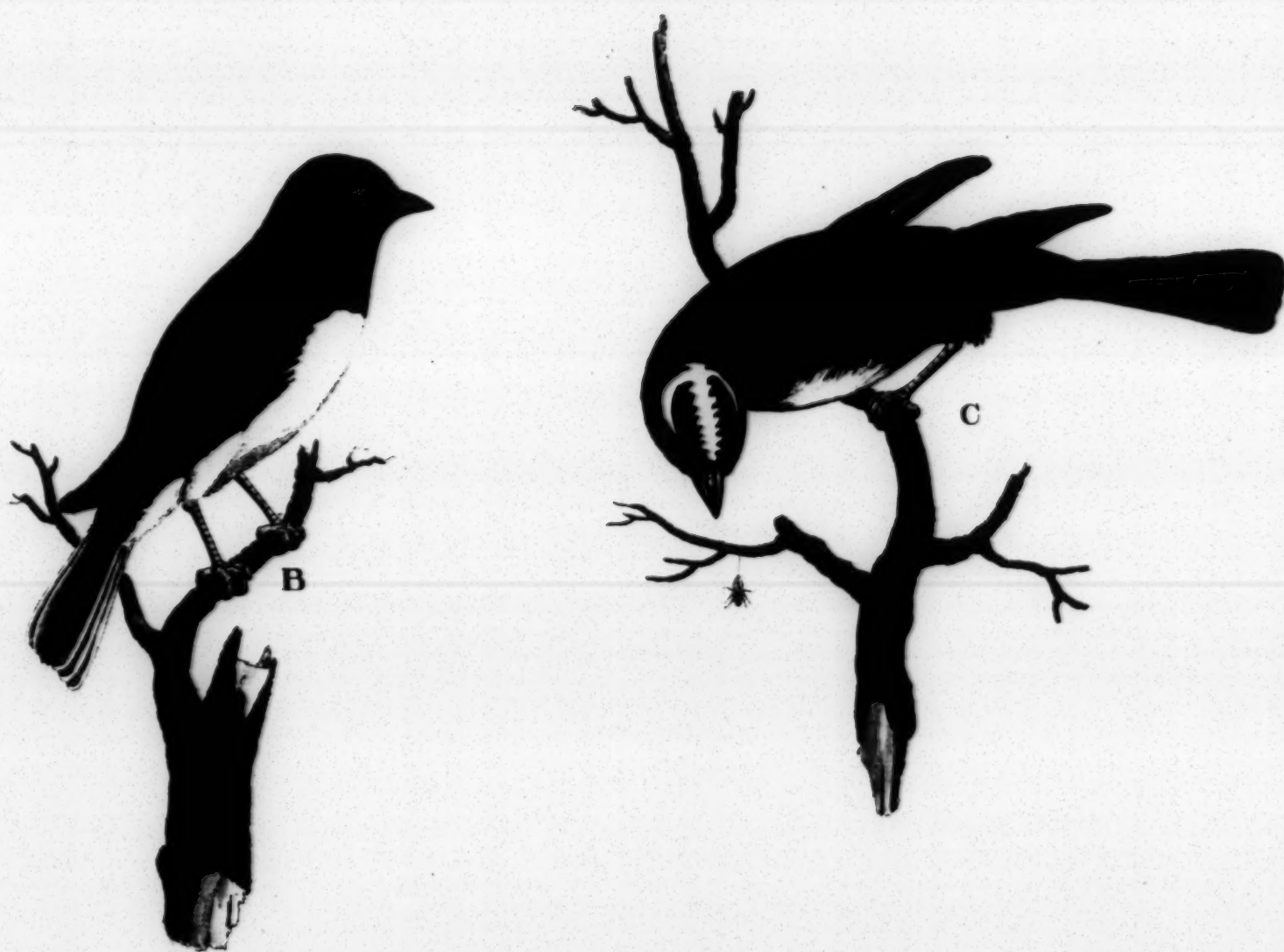
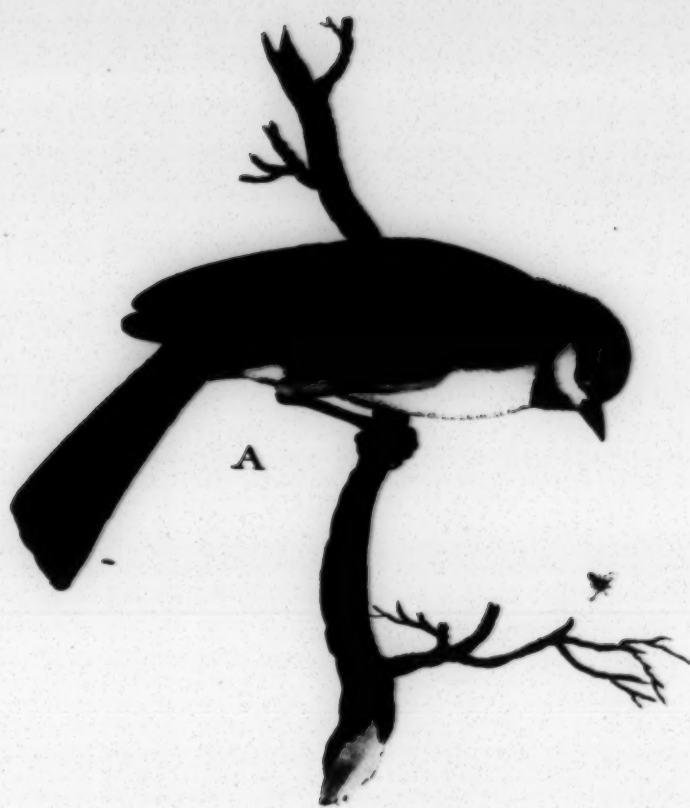
TABXX



Painted by J. S. H. and Engraved by J. S. H. 1773.

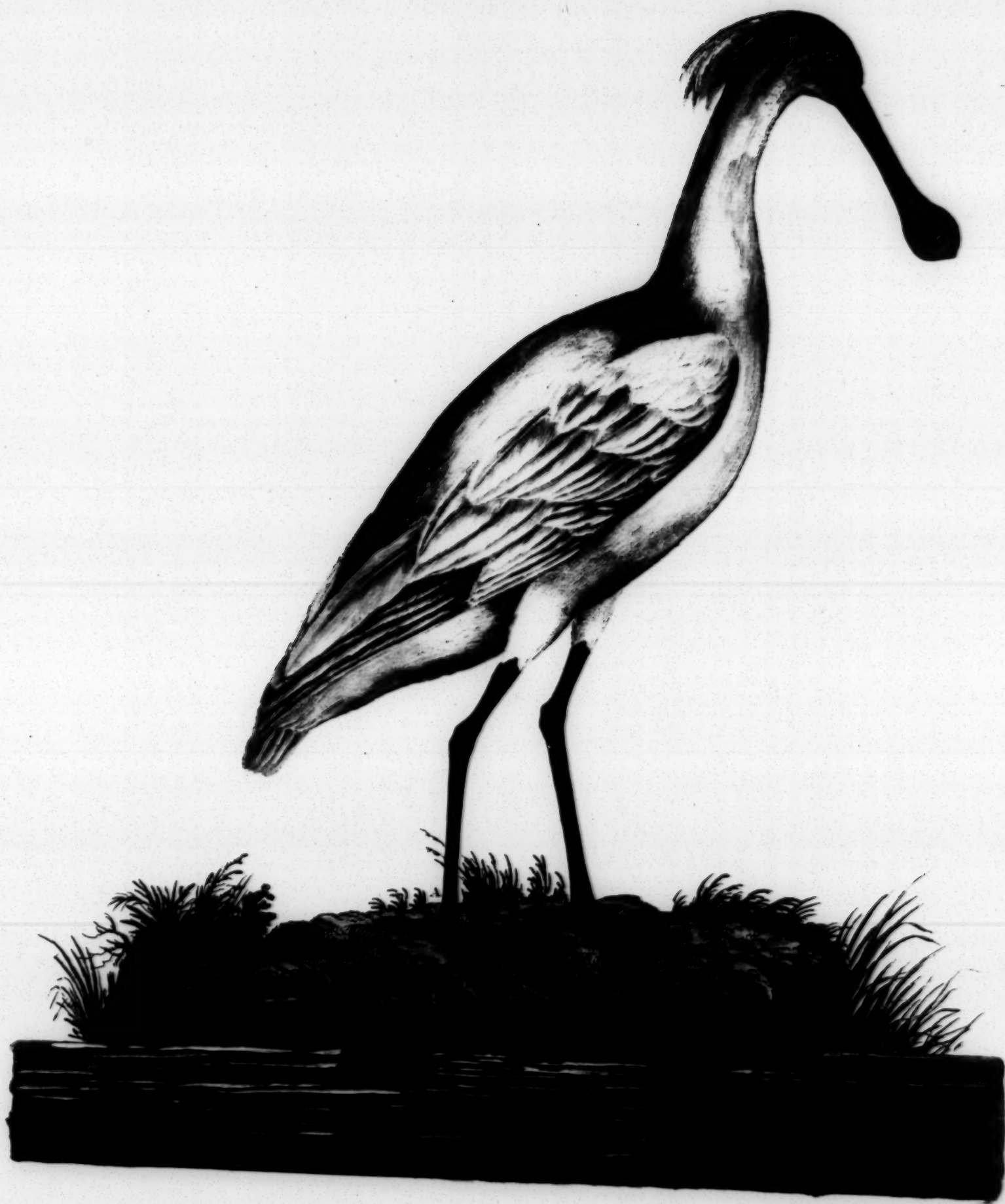
Viverra zibethica

TAB. XXI



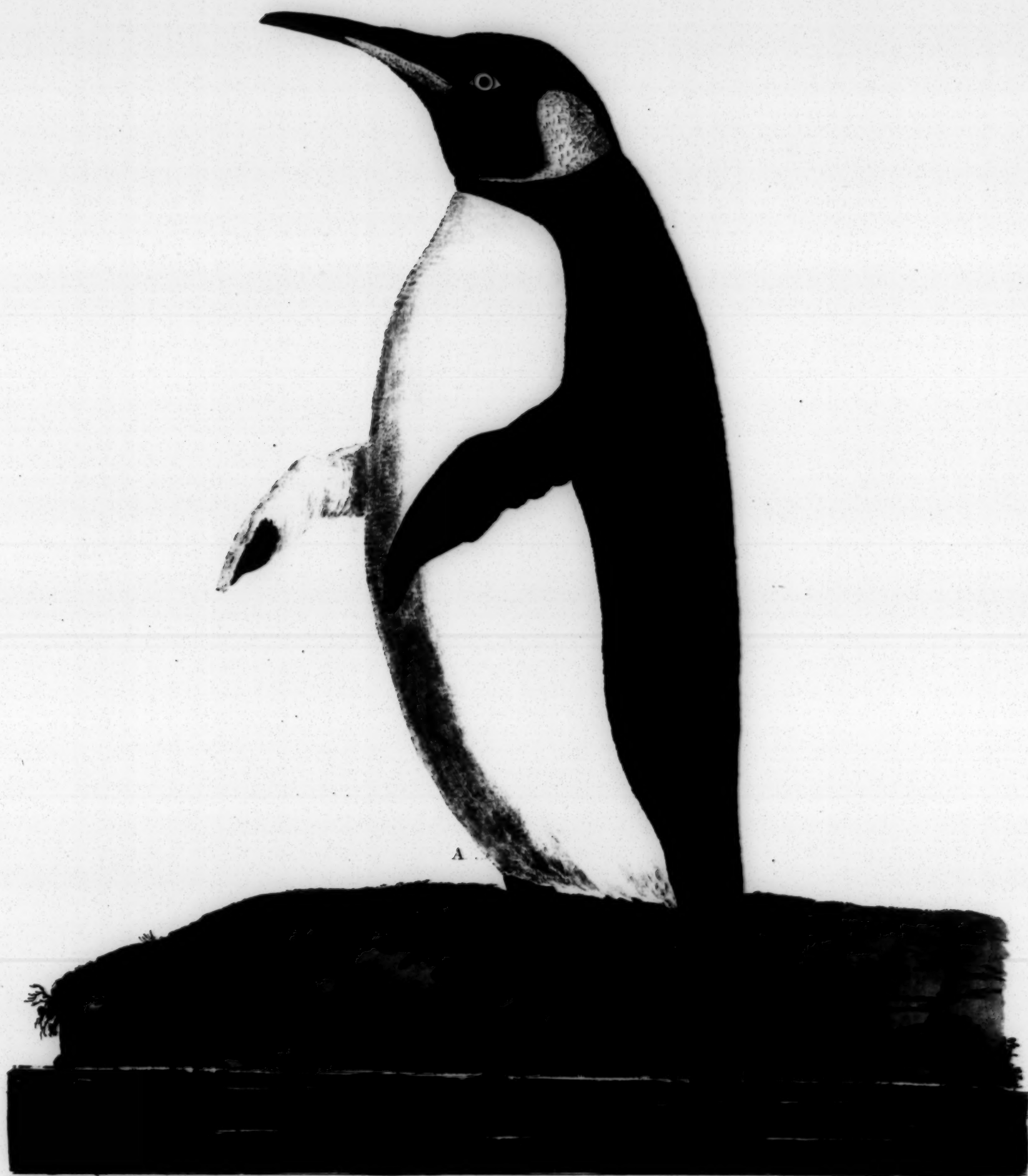
Printed, Engraved and Published, by J. F. Miller, according to the Act 1794.

TAB. XXII.



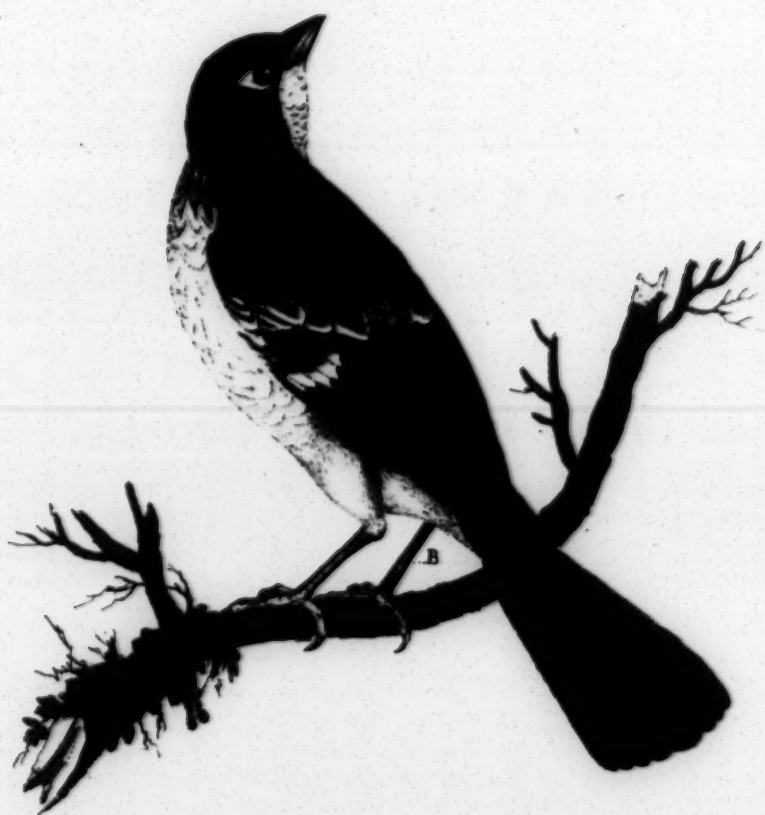
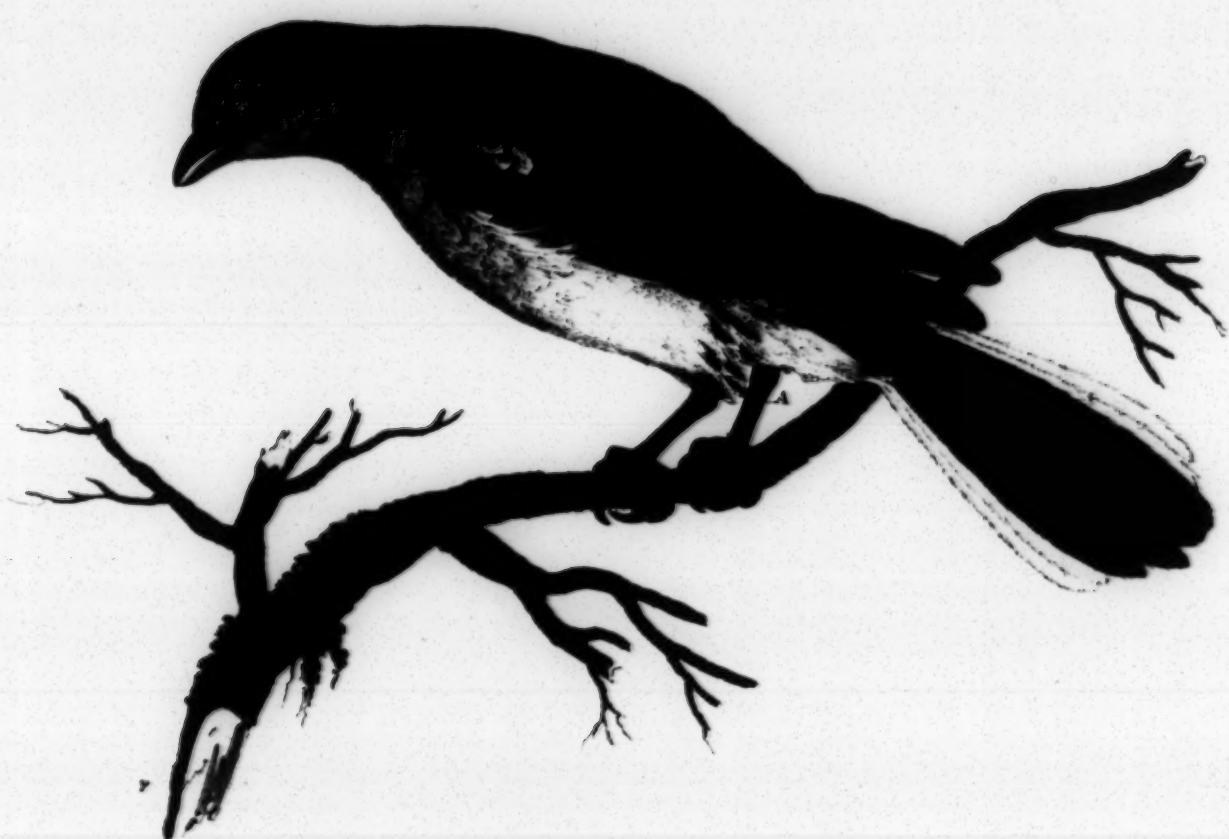
Ardea herodias, Linn. System. Nat. 12. p. 100. f. 1. 2.

TAB. XXIII.



Painted by Engestr. and Published by S. J. Nelson, according to the list of 1843.

TAB XXIV

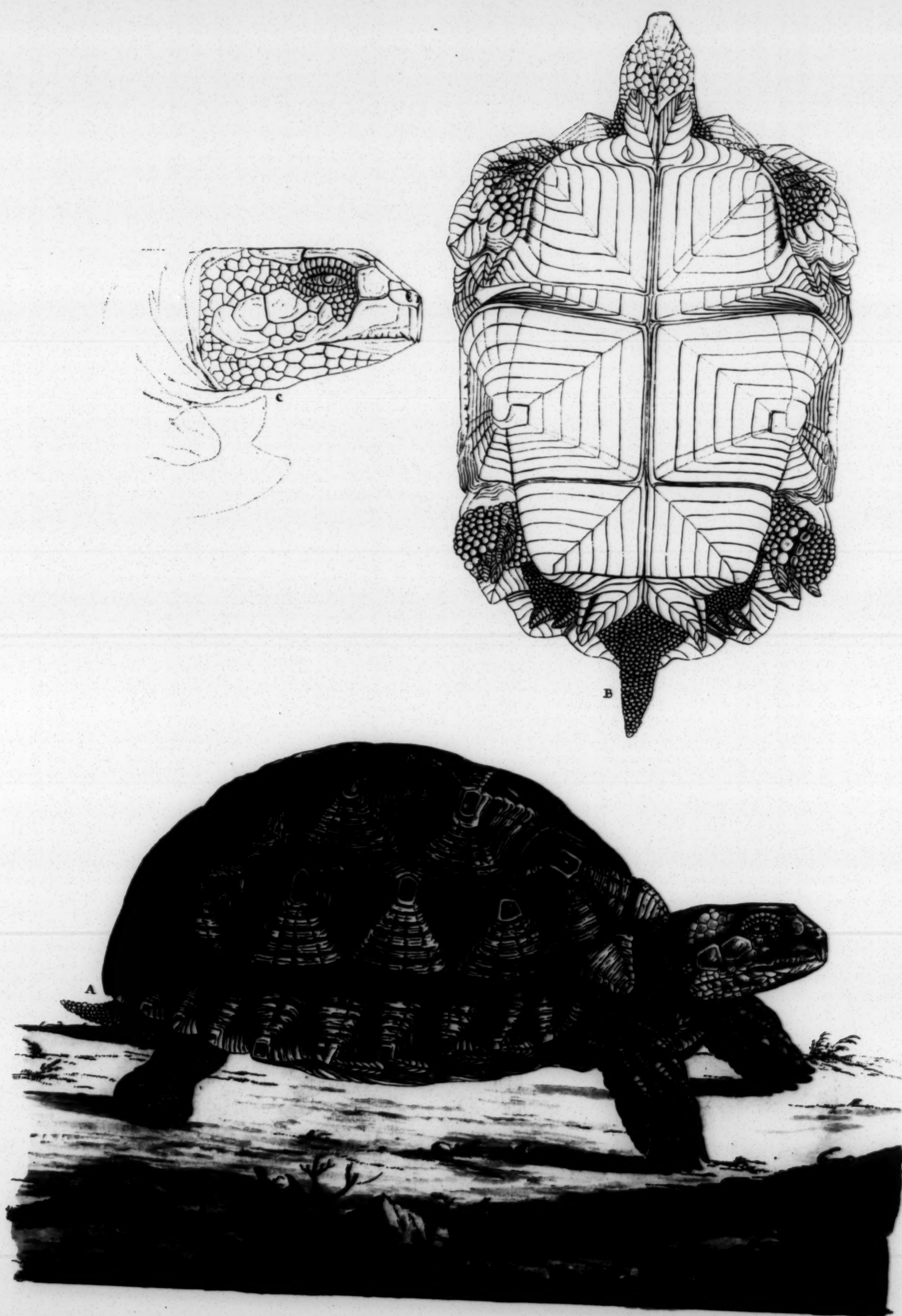


TAB. XXV



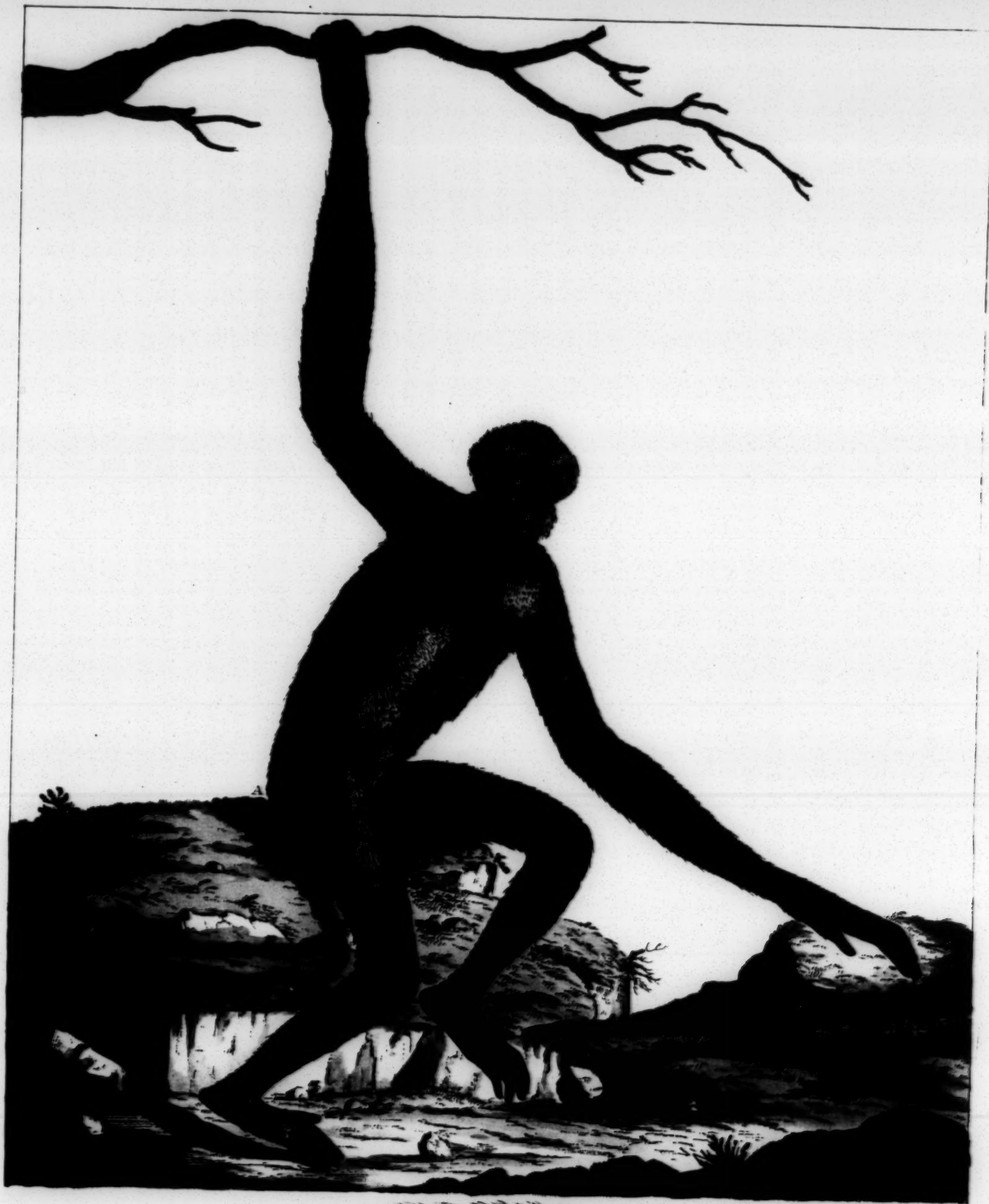
Printed by J. G. & Co. at the University Press, Cambridge, according to the design of W. G.

TAB. XXVI.



Painted Engraved and Published by J. P. Killy, according to the orig. 1779.

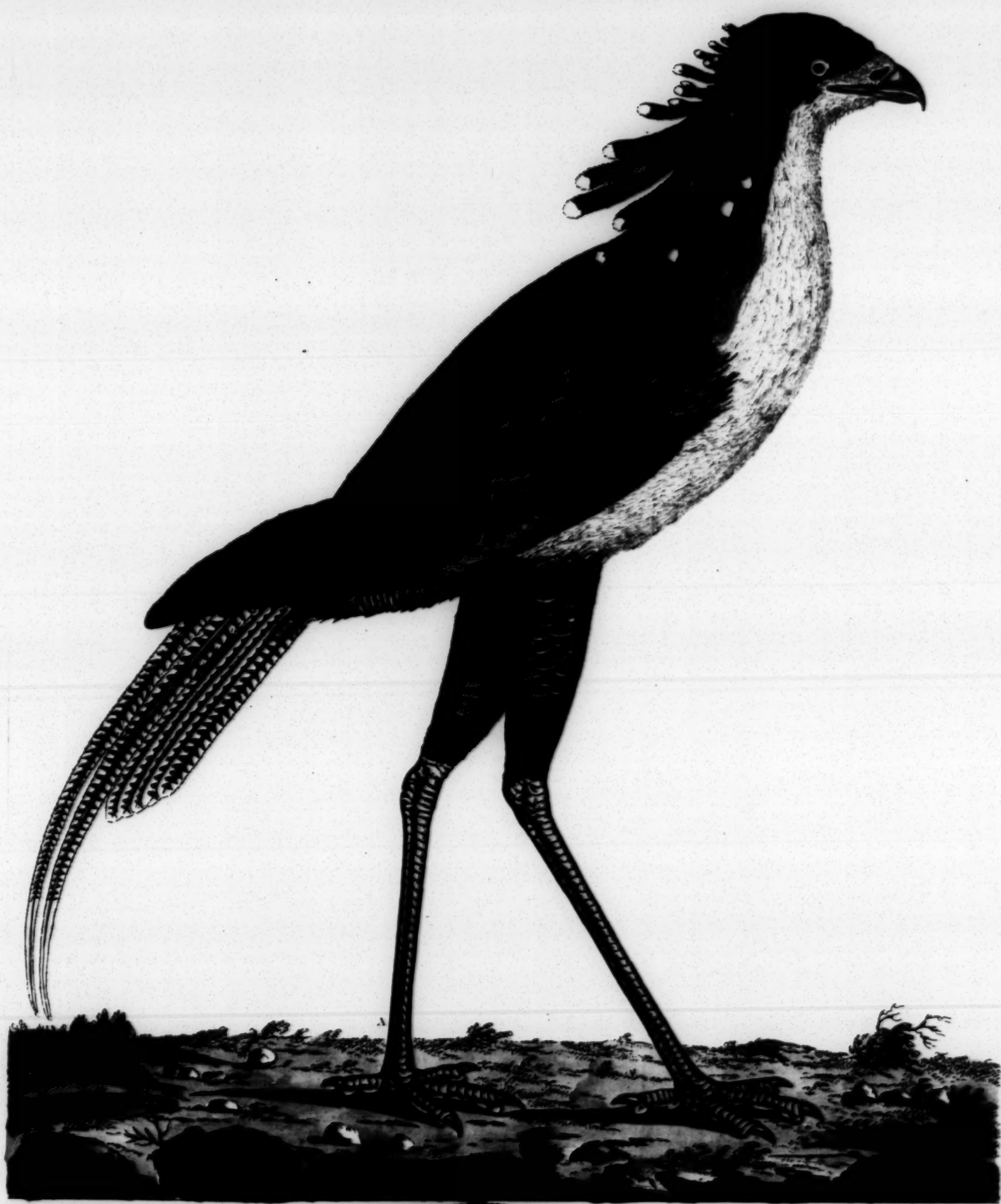
TABXXVII.



B



Printed by G. G. and Published by J. D. Miller according to the Act. 1789.



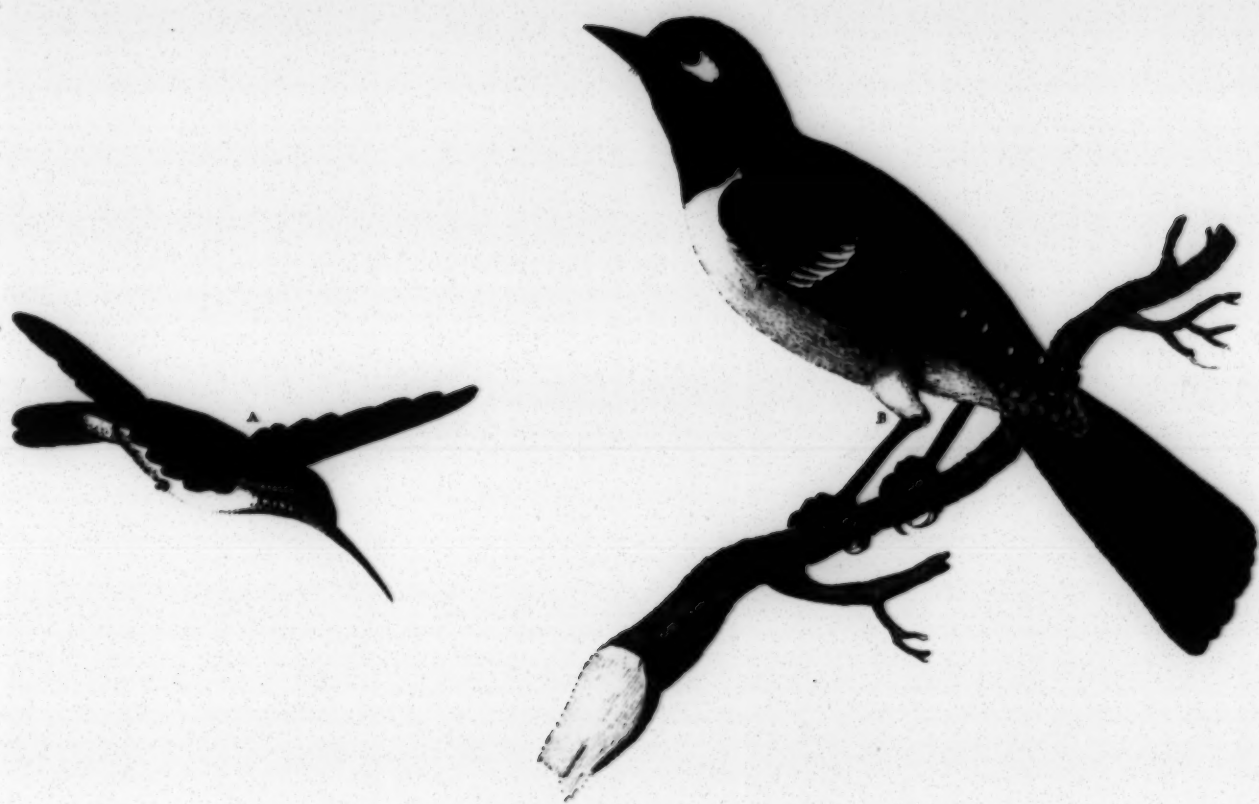
Exemplar. Blagum et. Extracted according to the Art. 1774 for John Frederick Miller.

TAB. XXIX.



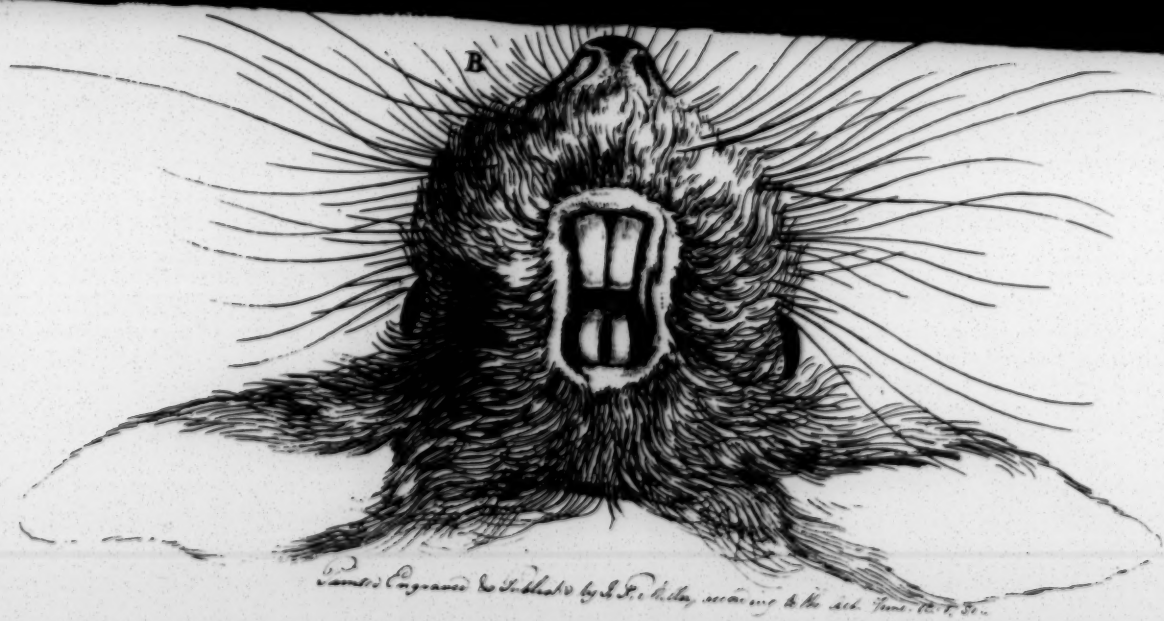
Painted by J. G. S. and Engraved by J. D. Miller, according to the list 1780

TABXXX



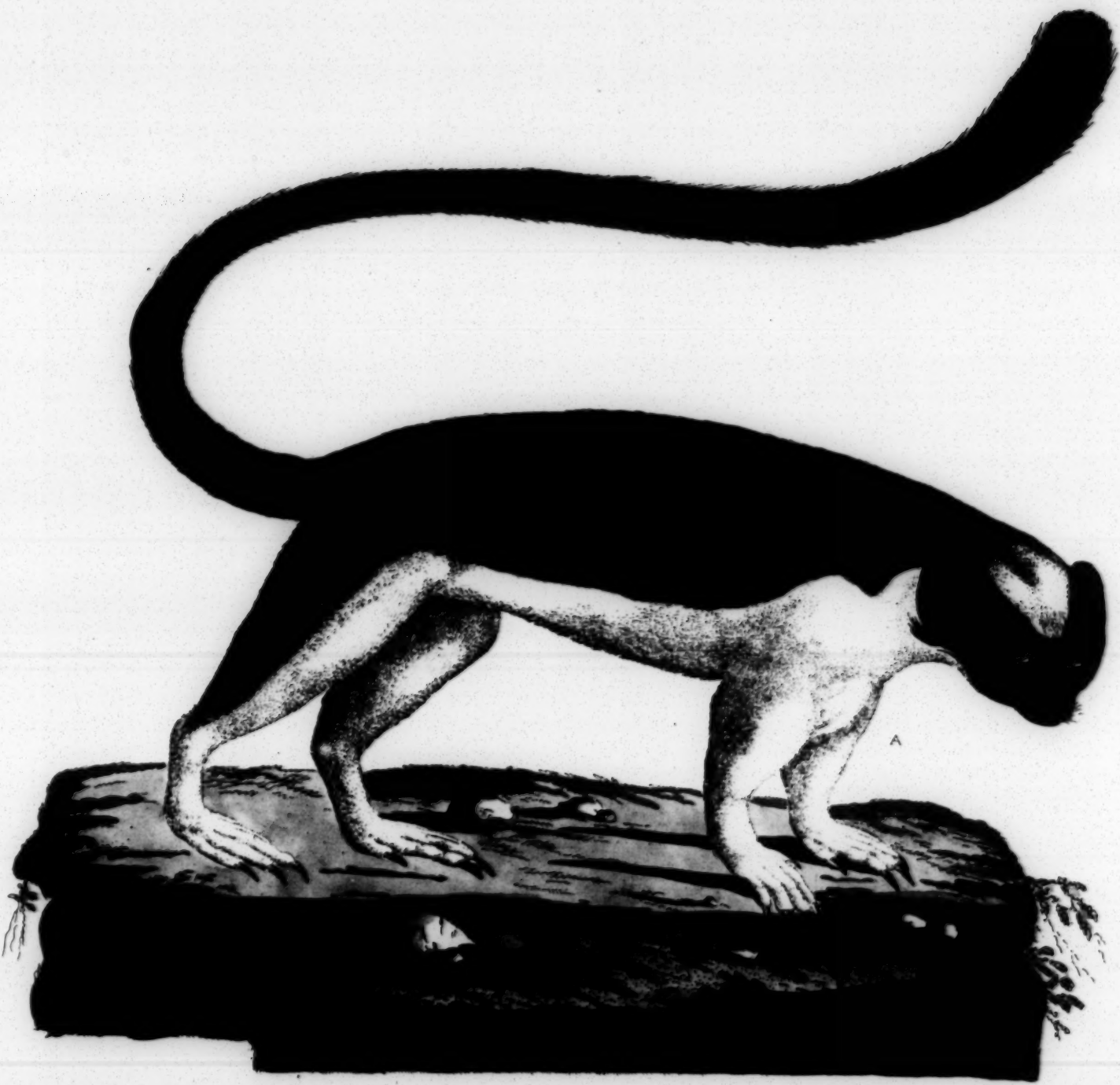
Painted by Engraver and Published by T. G. Miller, according to the last 1779.

TAB XXXI.



Painted & engraved by J. G. Kebley, according to the skull. June 1847.

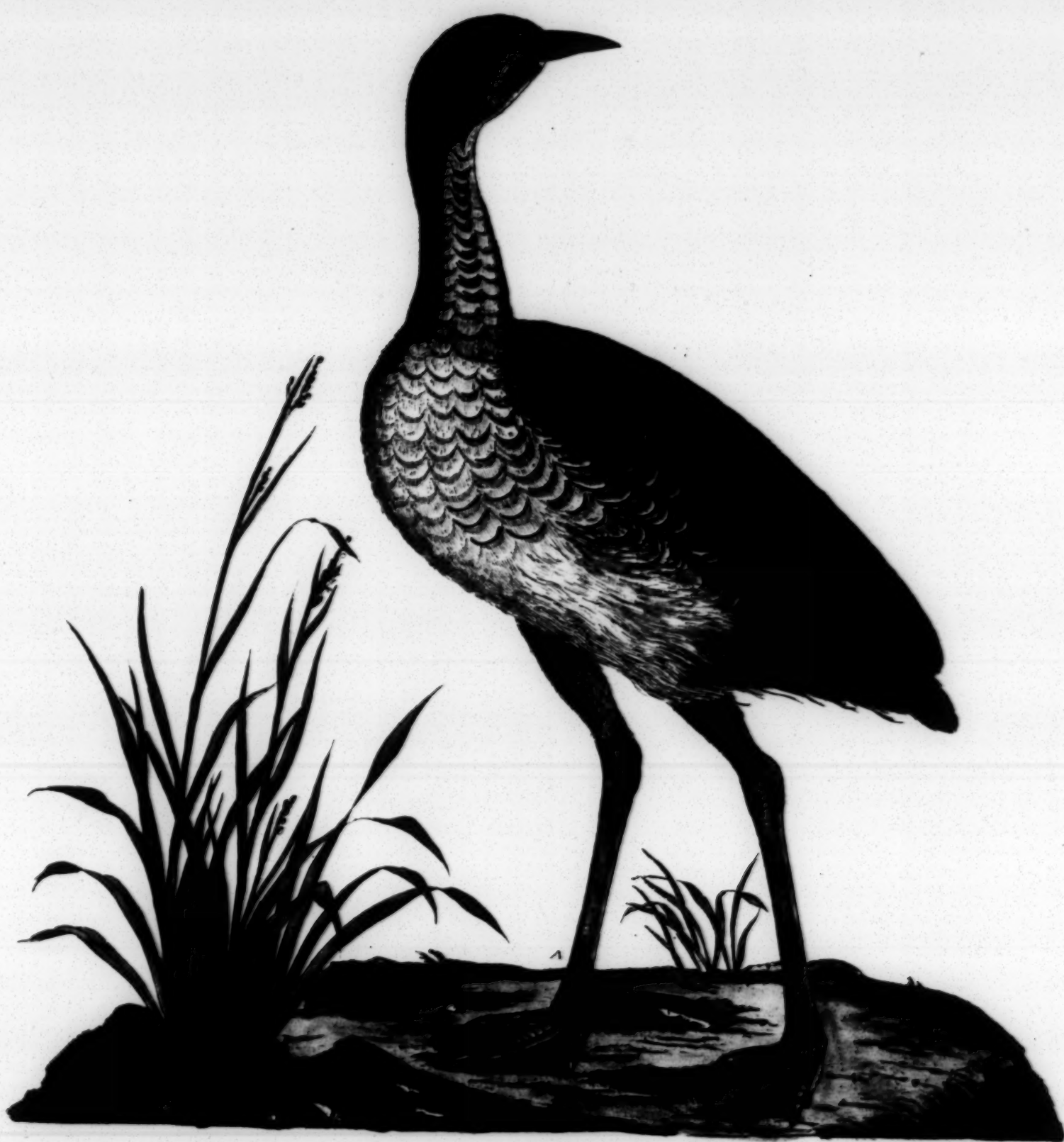
TAB XXXII.



Published according to the Act 1782 by J. G. Miller.

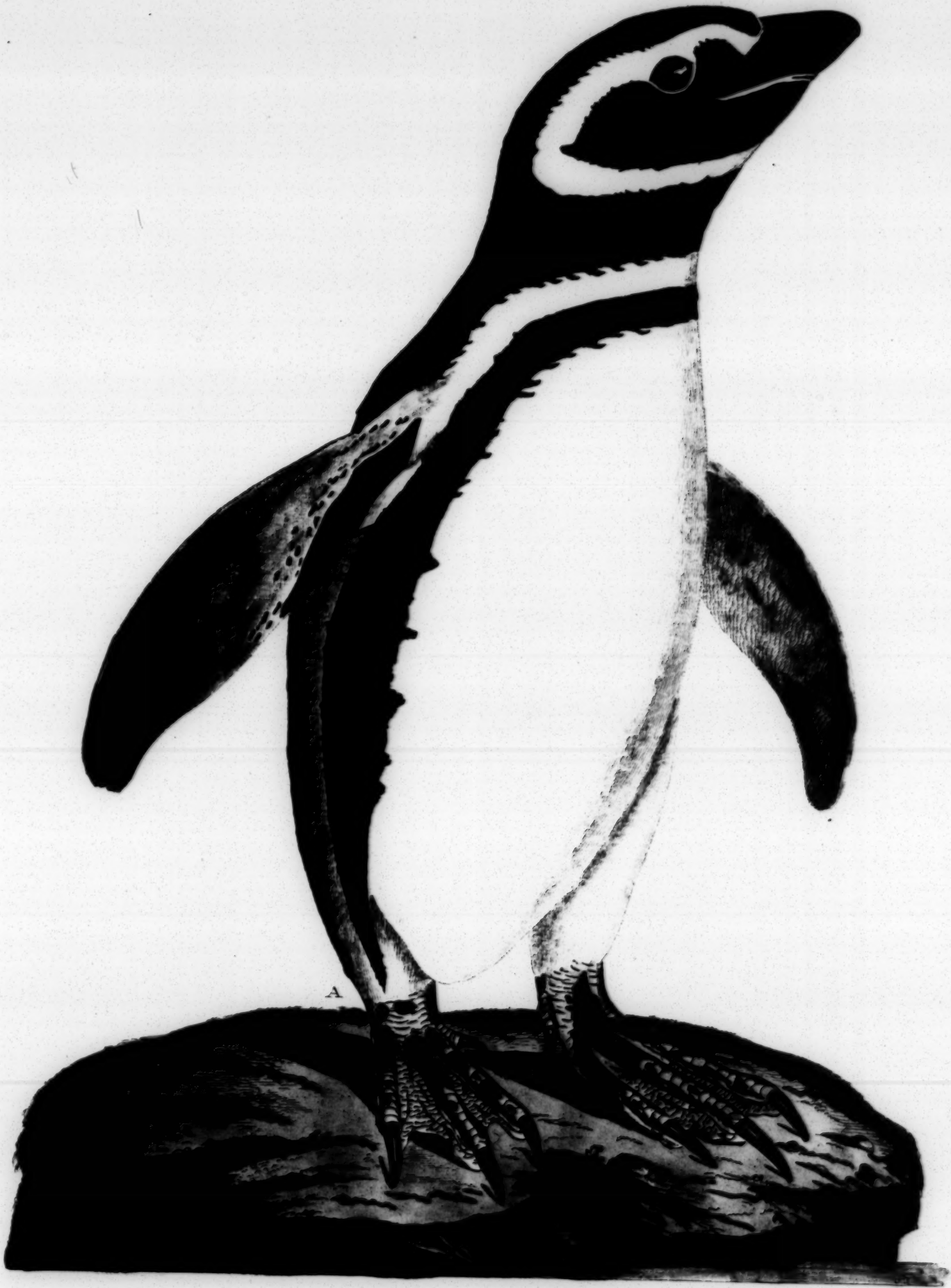
33L

TABXXXIII.



under the name of a Grebe of the Lake of Geneva, and is the same as the

TAB. XXXIV.



Antarctica penguin & related to the penguin family, named by Linnaeus.

TABXXXV.



T/B.XXXVI.

*Published May 16 1792, by J. F. Miller*

